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# *ECONOMIC INTELLIGENCE STATISTICAL HANDBOOK 1967*

## WARNING

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## ECONOMIC PROFILE,<sup>†</sup> 1966

### EUROPEAN NATO

LAND MASS: 2,877,000  
square kilometers  
INHABITANTS: 295.5 million  
GNP: US \$ 510 billion

### CANADA

LAND MASS: 9,976,000  
square kilometers  
INHABITANTS: 20.0 million  
GNP: US \$ 55 billion

### US

LAND MASS: 9,363,000  
square kilometers  
INHABITANTS: 196.8 million  
GNP: US \$ 718 billion

### CUBA<sup>†</sup>

LAND MASS: 115,000  
square kilometers  
INHABITANTS: 7.4 million  
GDP: US \$ 2.9 billion  
(1957 prices)

<sup>†</sup>NOTE: The data for gross national product (GNP) are for 1966 (in 1965 prices) converted to US purchasing power equivalents, except for India, Cuba, North Vietnam, and North Korea. Data for India (in 1965 prices) and Cuba (in 1957 prices) are gross domestic product (GDP) for 1966 converted to US dollars using prevailing exchange rates. Data for Cuba are given in 1957 prices to minimize the inflationary effects during the last several years. Data for GNP for North Vietnam are for 1964 and for North Korea; 1965. All data on inhabitants are for midyear 1966 and data on land mass are for the latest year available.

**EASTERN EUROPEAN  
COMMUNIST COUNTRIES**

LAND MASS: 989,000  
square kilometers  
INHABITANTS: 100.6 million  
GNP: US \$ 118 billion

**USSR**

LAND MASS: 22,272,000  
square kilometers  
INHABITANTS: 233.2 million  
GNP: US \$ 336 billion

**NORTH KOREA<sup>†</sup>**

LAND MASS: 122,000  
square kilometers  
INHABITANTS: 12.6 million  
GNP: US \$ 2.7 billion

**JAPAN**

LAND MASS: 370,000  
square kilometers  
INHABITANTS: 98.9 million  
GNP: US \$ 124 billion

**NORTH VIETNAM<sup>†</sup>**

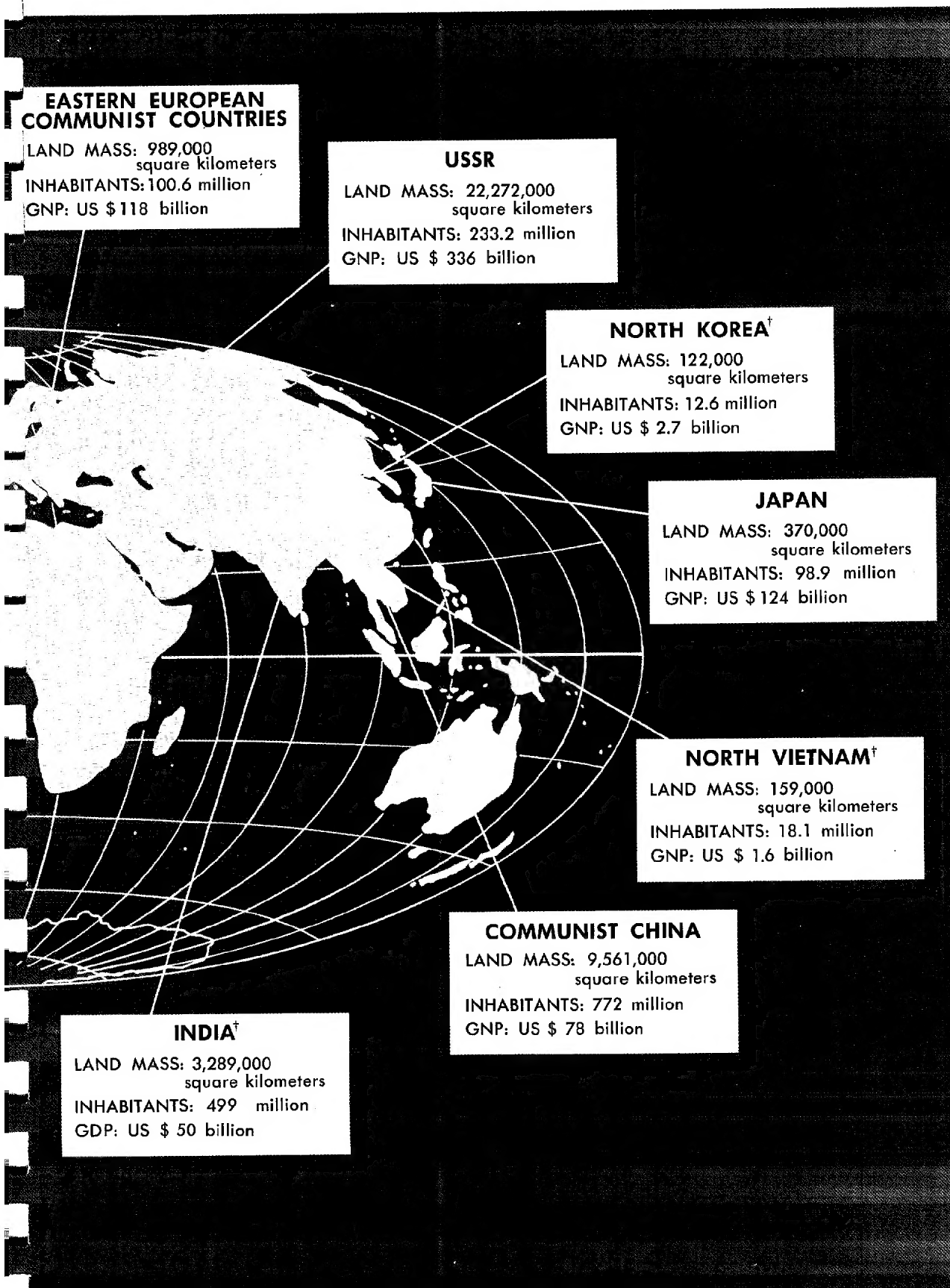
LAND MASS: 159,000  
square kilometers  
INHABITANTS: 18.1 million  
GNP: US \$ 1.6 billion

**COMMUNIST CHINA**

LAND MASS: 9,561,000  
square kilometers  
INHABITANTS: 772 million  
GNP: US \$ 78 billion

**INDIA<sup>†</sup>**

LAND MASS: 3,289,000  
square kilometers  
INHABITANTS: 499 million  
GDP: US \$ 50 billion



## FOREWORD

### 1. Purpose and Scope

The *Economic Intelligence Statistical Handbook, 1967* provides statistics on the economies of the Communist countries and the countries of the North Atlantic Treaty Organization (NATO)—including France. The content and format have been revised to make possible more explicit comparisons and new tables and graphics have been added.

In general, the data in the *Handbook* are for 1955 and 1960-66. A summary table is presented for European NATO, Eastern Europe, each of the Communist countries, selected NATO countries, India,  The data for Mongolia, because of their scarcity, are presented in a summary table but are not included in the individual commodity or aggregative tables. The graphics and tabular graphics are designed for use as visual aids. Footnotes have been used liberally to give definitions, exceptions, and methodology. Footnotes to the commodity tables give more detailed definitions of the data than those appearing for the commodities on the summary table for each country. Therefore, the footnotes to the commodity tables should be referred to when a complete description of the data shown is required.

### 2. Rounding of the Totals

In each table the data for the individual countries have been rounded consistently. Because of the limitations in the cumulative data, the totals have been rounded, with some exceptions, to three significant digits. In general, zeros appearing after the last nonzero number following the decimal point are not significant but are used merely for consistency in presentation.

Totals are not presented if missing data are believed to represent a significant part of the total. In general, data are not given for countries for which a significant amount of data is not available. Because of rounding, components may not add to the totals shown.

### 3. Symbols

The abbreviation N.A. (not available) is used when information about the existence of the data or the magnitude of the data is not available, and the abbreviation *Negl.* (negligible) is used when the magnitude of the data is less than half of the final unit employed for each table. The metric system is used throughout.

### 4. Classification of Data

The overall classification of the *Handbook* is SECRET/NO FOREIGN DISSEM. The unclassified data, indicated by an asterisk (\*), may be official data of the country cited or may be unclassified estimates of this Office. Tables in which all of the data are unclassified have been identified accordingly. *Classified data, however, frequently occur on the reverse of the page, and, therefore, caution should be exercised if pages are removed from this publication.*

### 5. Sources

The data given for the most recent years are frequently preliminary and subject to revision. The data for the Communist countries are estimates of this Office, official data from the country cited, or estimates made by other organizations. The data for the NATO and other Free World countries are from publications of the United Nations and the Organization for Economic Cooperation and Development (OECD), are from unclassified publications of other international organizations or individual countries of the Free World, or are estimates of this Office.

### 6. Terms

Unless otherwise indicated, the term *Communist Countries* includes the USSR, the countries of Eastern Europe, Communist China, North Korea, North Vietnam, Albania, Cuba, and Yugoslavia; the term *Eastern Europe* includes Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Ru-



mania. The term *NATO* includes the United States, Belgium, Canada, Denmark, France, Greece, Iceland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Turkey, the United Kingdom, and West Germany. The term *developed countries* includes Austria, Belgium, Denmark, Finland, France, Iceland, Ireland, Italy, Liechtenstein, Luxembourg, Norway, the Netherlands, Sweden, Switzerland, the United Kingdom, West Germany, Australia, Canada, Japan, New Zealand, South Africa, and the United States. The term *less developed countries of the Free World* includes (1) all countries of Africa except the Republic of South Africa and the United Arab Republic; (2) all countries in South and

Southeast Asia, including Afghanistan; (3) Portugal and Spain; (4) all countries in Latin America except Cuba; and (5) all countries in the Middle East including—in addition to those normally designated—Cyprus, Greece, Turkey, and the United Arab Republic.

As far as possible, production data for the Saar<sup>25X6</sup> have been included in the data [redacted] for all years, unless otherwise indicated. Data for Alaska and Hawaii, when available, have been included in the total for the US. Data for any of the above country groupings may or may not include all of the countries listed above, depending on the commodity or services listed.

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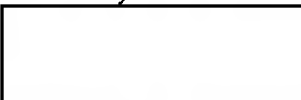
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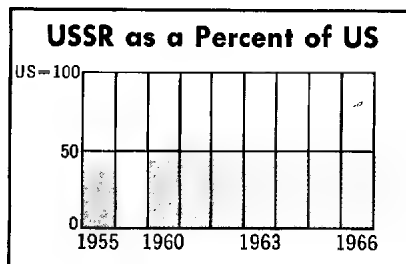
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Graphic

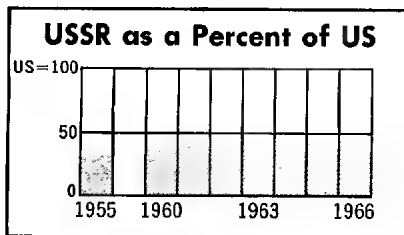
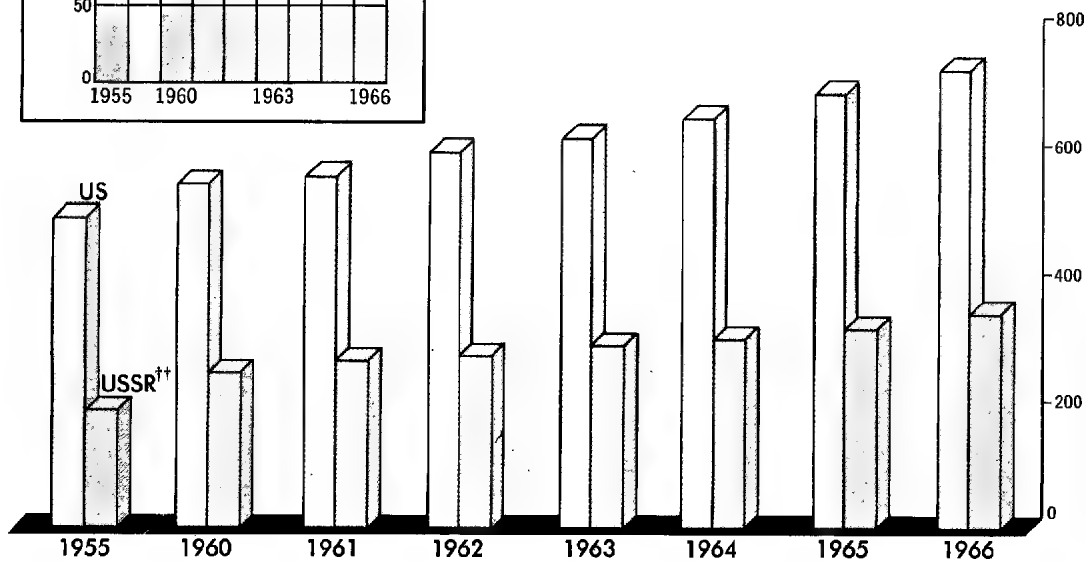
## Comparative Data on Gross National Product<sup>†</sup> in the US and the USSR, 1955 and 1960-66

TABLE 1

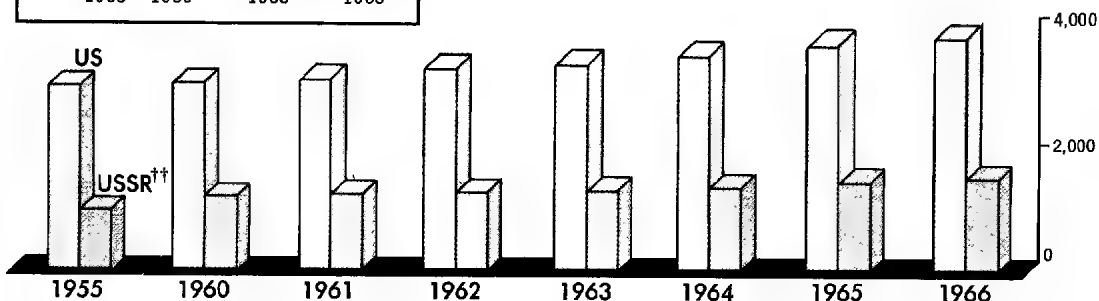
		1955	1960	1961	1962	1963	1964	1965	1966
GNP (Billion 1965 US \$)	US	485.7	540.9	551.4	587.5	611.1	643.2	681.2	718.4
	USSR <sup>††</sup>	184.4	245.4	261.5	270.7	275.5	296.2	311.6	336.2
	DIFFERENCE	301.3	295.5	289.9	316.8	335.6	347.0	369.6	382.2
GNP (USSR as a Percent of US)		38	45	47	46	45	46	46	47
GNP PER CAPITA (1965 US \$)	US	2,930	2,990	3,000	3,150	3,230	3,350	3,500	3,650
	USSR <sup>††</sup>	940	1,150	1,200	1,220	1,230	1,300	1,350	1,440
GNP PER CAPITA (USSR as a Percent of US)		32	38	40	39	38	39	39	39



### GROSS NATIONAL PRODUCT Billion 1965 US \$



### GROSS NATIONAL PRODUCT PER CAPITA 1965 US \$



<sup>†</sup>At market prices.

<sup>††</sup>Converted at US purchasing power equivalents.

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Table 2  
Estimated Gross National Product at Market Prices  
1955 and 1960-66

	Billion 1965 US \$ (Converted at US Purchasing Power Equivalents <sup>a</sup> )								Average Annual Rate of Growth <sup>b</sup> (Percent)	
	1955	1960	1961	1962	1963	1964	1965	1966	1956-66	1962-66
NATO COUNTRIES.....	840*	980*	1,010*	1,060	1,110*	1,170*	1,230*	1,290*	4.0*	5.0*
US.....	485.7*	540.9*	551.4*	587.5*	611.1*	643.2*	681.2*	718.4*	3.6*	5.4*
Canada.....	33.7*	39.8*	40.8*	43.5*	45.8*	48.7*	51.9*	55.1*	4.6*	6.2*
European NATO.....	320*	400*	410*	430*	450*	480*	490*	510*	4.6*	4.3*
Of which:										
Belgium.....	14.5*	16.4*	17.2*	18.1*	19.0*	20.2*	20.9*	21.7*	3.8*	4.8*
Denmark.....	6.7*	8.4*	8.9*	9.4*	9.5*	10.2*	10.7*	11.0*	4.6*	4.3*
France.....	65.3*	82.4*	86.2*	91.9*	96.7*	102.4*	105.8*	111.1*	4.9*	5.2*
Italy.....	38.4*	50.2*	54.2*	57.5*	60.7*	62.3*	64.5*	67.7*	5.3*	4.6*
Netherlands.....	14.7*	18.0*	18.6*	19.3*	20.0*	21.8*	23.0*	23.9*	4.5*	5.1*
Norway.....	5.0*	5.9*	6.3*	6.5*	6.9*	7.3*	7.7*	8.1*	4.4*	5.1*
UK.....	82.4*	94.5*	97.8*	98.9*	103.3*	109.1*	111.7*	112.9*	2.9*	2.9*
West Germany <sup>c</sup> .....	73.2*	99.5*	104.9*	109.2*	112.9*	120.4*	125.9*	129.7*	5.3*	4.3*
COMMUNIST COUNTRIES										
USSR and Eastern Europe.....	256	338	359	370	378	404	424	454	5.3	4.8
USSR.....	184.4	245.4	261.5	270.7	275.5	296.2	311.6	336.2	5.6	5.2
Eastern Europe.....	71.9*	92.4*	97.6*	99.5*	102*	107*	112*	118*	4.6*	3.8*
Bulgaria.....	3.5*	5.0*	5.3*	5.8*	6.1*	6.5*	6.8*	7.4*	7.1*	6.9*
Czechoslovakia.....	15.0*	20.6*	21.5*	21.8*	21.5*	21.7*	22.1*	23.1*	4.0*	1.5*
East Germany.....	17.9*	22.7*	23.4*	24.1*	24.6*	25.6*	26.6*	27.5*	4.0*	3.3*
Hungary.....	7.3*	9.0*	9.3*	9.9*	10.4*	11.1*	11.1*	11.6*	4.3*	4.5*
Poland.....	18.8*	23.9*	26.1*	25.8*	27.3*	28.8*	30.8*	32.3*	5.0*	4.4*
Rumania.....	9.4*	11.2*	12.0*	12.1*	12.6*	13.7*	14.8*	15.9*	4.9*	5.8*
Far East										
Communist China.....	59	77	64	66	69	74	77	78	2.6	4.0
North Korea.....	1.0	2.0	2.2	2.3	2.4	2.6	2.7	N.A.	10.5 <sup>d</sup>	5.3 <sup>e</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> For the individual European NATO countries, the ratios for converting gross national product (GNP) in national currencies at 1965 prices into 1965 US dollars on the basis of US purchasing power equivalents are derived from the 1950 ratios in Milton Gilbert and Associates, *Comparative National Products and Price Levels*, OEEC, Paris, 1958, using the geometric mean of European and US weighted ratios. These 1950 ratios were moved to 1965 by applying the following factor: the derived price indexes for each European country for 1950-65 divided by a derived price index for the US for 1950-65. These price indexes were derived for each country by dividing the growth of GNP in current prices by the growth of GNP in constant prices. The ratios thus obtained were applied to the GNP values, given in the national currencies in 1965 prices. The total GNP for the European NATO countries is based on the estimate that the total GNP of the individual countries shown represents 95 percent of the total European NATO GNP, which is the approximate relationship derived from other sources. The values shown for the Communist countries have been calculated in a manner which makes them reasonably comparable with the values shown for the NATO countries.

<sup>b</sup> The base years are 1955 and 1961, respectively. Rates of growth are derived from unrounded data.

<sup>c</sup> Including data for West Berlin. The data for West Germany for 1960, excluding the Saar and West Berlin, is US \$93.9 billion in 1965 purchasing power equivalents.

<sup>d</sup> Rate of growth for 1956-65.

<sup>e</sup> Rate of growth for 1962-65.

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Table 3

Gross National Product, by End Use, in the US and the USSR  
1965

	Billion 1965 US \$ <sup>a</sup>		USSR as a Percent of US <sup>b</sup>
	US	USSR	
Consumption.....	462.0*	164.7	35.7
Investment.....	130.9*	105.1	80.3
Defense.....	54.3*	49.0	90.2
Administration.....	25.4*	11.6	45.6
Net exports and military assistance.....	8.6*	N.A.	N.A.
GNP.....	681.2*	311.6 °	45.7

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> US market prices. Total Soviet gross national product (GNP) and the various end uses were converted to dollars not by the official rate of exchange but by the average purchasing power ratio of the dollar and the ruble calculated from actual or estimated prices paid for various goods and services in the two economies. For GNP as a whole and for each end use component of GNP, these average ratios (ruble-dollar ratios) were estimated by weighting individual price ratios by both US and Soviet expenditure weights. The geometric mean of the US weighted and Soviet weighted ratios was then used for the conversion of Soviet values into dollars.

The magnitudes for the Soviet end use components were calculated to measure quantity of output compared with the US but not the cost in resources. The share of total economic resources devoted to a particular end use or the share of total output originating in an individual sector (for example, agriculture or industry) in the USSR should be measured in internal ruble prices and costs. Agriculture, for example, alone uses 40 percent of the civilian labor force, or 49 million people, as a result of the inefficiency of that sector in the USSR.

The adjusted end uses of GNP are defined as follows:

(1) Consumption comprises personal expenditures for goods and services for all purposes and noninvestment outlays by government for goods and services for health and education. (The personal consumption expenditures for the US are \$431.5 billion.)

(2) Investment is defined (a) for both the US and the USSR as the sum of expenditures for gross private domestic investment; for public construction other than that for defense facilities; for equipment purchased by the government except that for defense; and for defense stockpiling and defense-production expansion; and (b) for the US, as also including expenditures by state and local government for development of atomic energy. (The gross private domestic investment for the US is \$106.6 billion.)

(3) Defense as a component of GNP comprises government purchases of goods and services for the military services, federal government expenditures on atomic energy development, and outlays on space research and technology. Defense excludes stockpiling activities and net military grants for foreign military assistance. (The federal government purchases of goods and services for national defense, excluding purchases by NASA, for the US are \$50.1 billion.)

(4) Administration as a component of GNP is the residual left after all current expenditures for national defense, health, and education and all capital expenditures are subtracted from government purchases of goods and services. (There is no equivalent category for the unadjusted data for the US.)

(5) Net exports and foreign military assistance are shown only for the US. The equivalent category for the USSR cannot be precisely measured but is thought to be included in the value of aggregate GNP.

<sup>b</sup> Based on unrounded data.

° The sum of the end use components of Soviet GNP, valued in dollars, does not equal the dollar value of aggregate GNP, because of the use of average ruble-dollar ratios in converting from ruble values to dollar values. Nevertheless, the individual end use components were not adjusted to agree with the total, since the US-USSR comparisons shown are believed to give the best available description of relative size.

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Table 4  
Gross National Product <sup>a</sup> in Selected NATO Countries  
1955 and 1960-66

NATO Countries	Billion 1965 US \$								Average Annual Rate of Growth <sup>b</sup> (Percent)	
	1955	1960	1961	1962	1963	1964	1965	1966	1956-66	1962-66
Belgium.....	11.6*	13.2*	13.8*	14.5*	15.2*	16.2*	16.7*	17.4*	3.8*	4.8*
Canada.....	31.2*	36.8*	37.7*	40.3*	42.3*	45.1*	48.1*	50.9*	4.6*	6.2*
Denmark.....	6.24	7.85*	8.32*	8.79*	8.86*	9.56*	10.0*	10.3*	4.6*	4.3*
France.....	57.7*	72.8*	76.1*	81.1*	85.4*	90.4*	93.5*	98.1*	4.9*	5.2*
Greece.....	3.01*	4.00*	4.40*	4.63*	5.01*	5.46*	5.88*	6.37*	7.1*	7.4*
Italy.....	33.8*	44.2*	47.6*	50.6*	53.4*	54.8*	56.7*	59.6*	5.3*	4.6*
Luxembourg.....	0.452*	0.540*	0.553*	0.553*	0.565*	0.609*	0.628*	0.647*	3.3*	3.2*
Netherlands.....	12.2*	14.8*	15.4*	16.0*	16.5*	18.0*	19.0*	19.7*	4.5*	5.1*
Norway.....	4.59*	5.39*	5.73*	5.92*	6.24*	6.64*	7.00*	7.35*	4.4*	5.1*
Portugal.....	2.21*	2.75*	2.89*	3.09*	3.27*	3.50*	3.74*	4.04*	5.6*	6.9*
Turkey.....	5.62*	7.18*	7.06*	7.49*	8.07*	8.44*	8.85*	9.60*	5.0*	6.3*
UK.....	73.2*	83.9*	86.8*	87.8*	91.7*	96.9*	99.2*	100*	2.9*	2.9*
West Germany <sup>c</sup> ..	65.3*	88.8*	93.6*	97.5*	101*	107*	112*	116*	5.3*	4.3*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> The individual series for gross national product (GNP) for the various countries are acceptable when the data are not to be used for international comparisons. The series are inadequate for international comparisons because they are based on the conversion of GNP into a single currency using rates of exchange at par value. Such international comparisons are of doubtful value because the rates do not adequately indicate relative purchasing power. The more correct data for the majority of the countries for comparison of GNP is to be found in Table 2, p. 2.

<sup>b</sup> The base years are 1955 and 1961, respectively. Rates of growth are derived from unrounded data.

<sup>c</sup> Including data for West Berlin.

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Table 5  
Percentage Distribution of Soviet Gross National Product, by End Use  
(Adjusted Factor Cost) <sup>a</sup>  
1955 and 1960-65

	Percent of Total						
	1955	1960	1961	1962	1963	1964	1965
Consumption.....	62.1	60.1	59.8	60.0	59.7	58.9	58.7
Investment.....	21.7	28.2	28.7	28.7	29.2	30.6	31.1
New fixed.....	17.8	24.2	24.0	23.9	24.4	25.2	25.5
Other <sup>b</sup> .....	3.9	4.0	4.7	4.7	4.7	5.3	5.6
Defense.....	13.9	9.9	9.6	9.6	9.5	8.8	8.5
Administration.....	2.3	1.8	1.8	1.8	1.7	1.7	1.7
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>a</sup> Because of the well-known difficulties in using Soviet prices as a measure of resource burden, the shares of GNP in this table are based on GNP at factor cost. In calculating GNP at factor cost, 1955 end use weights have been revised from a market price basis to a factor cost basis by subtracting turnover taxes and adding amortization charges, implicit interest costs, agricultural land rent, and subsidies. These revised weights are then moved over time by indexes of the value of the various end uses in constant market prices.

<sup>b</sup> Including inventories, civilian research and development, and expenditures on capital repair.

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## Indexes of Industrial and Agricultural Production in the US and the USSR, 1955-66

TABLE 6

## INDEXES OF INDUSTRIAL PRODUCTION

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
US (1960=100)	89	92	93	86	97	100	101	109	114	122	132	144
USSR (1960=100)	67	73	78	85	93	100	107	115	122	129	137	147

## PERCENTAGE CHANGE FROM THE PREVIOUS YEAR

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
US	12.6	3.4	0.8	-7.0	12.7	2.9	0.9	7.8	5.1	6.4	8.4	9.0
USSR	11.3	8.6	7.3	9.1	8.7	7.9	7.2	7.5	5.7	5.8	6.4	7.2

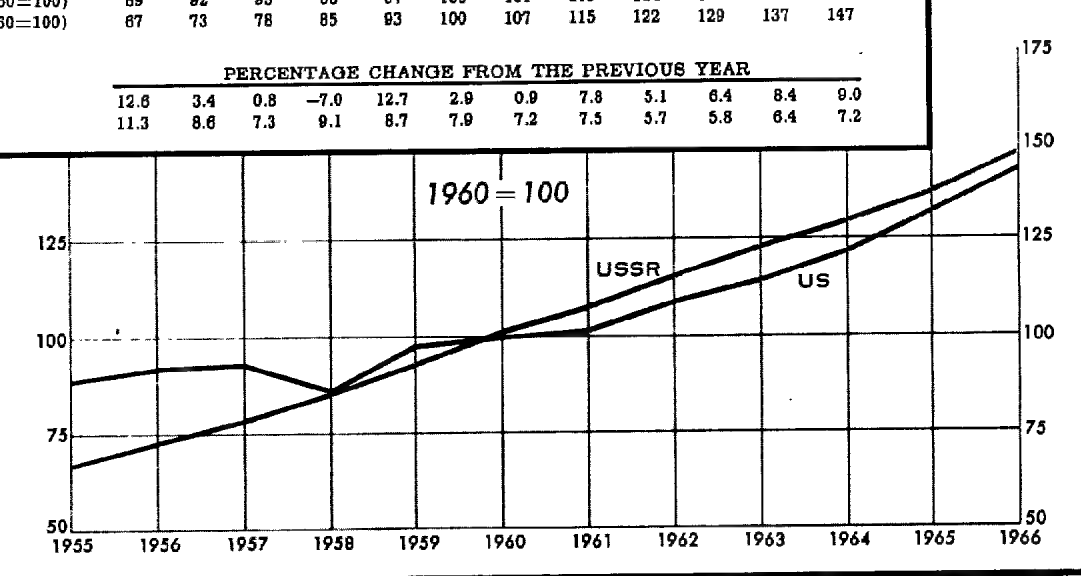


TABLE 6

## INDEXES OF AGRICULTURAL PRODUCTION

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
US (1960=100)	91	92	90	98	97	100	101	102	106	106	108	107
USSR (1960=100)	84	94	94	104	99	100	109	107	102	113	118	127

## INDEXES OF PER CAPITA AGRICULTURAL PRODUCTION

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
US (1960=100)	99	98	95	99	99	100	99	99	101	100	100	98
USSR (1960=100)	92	101	99	108	101	100	107	103	97	106	108	117

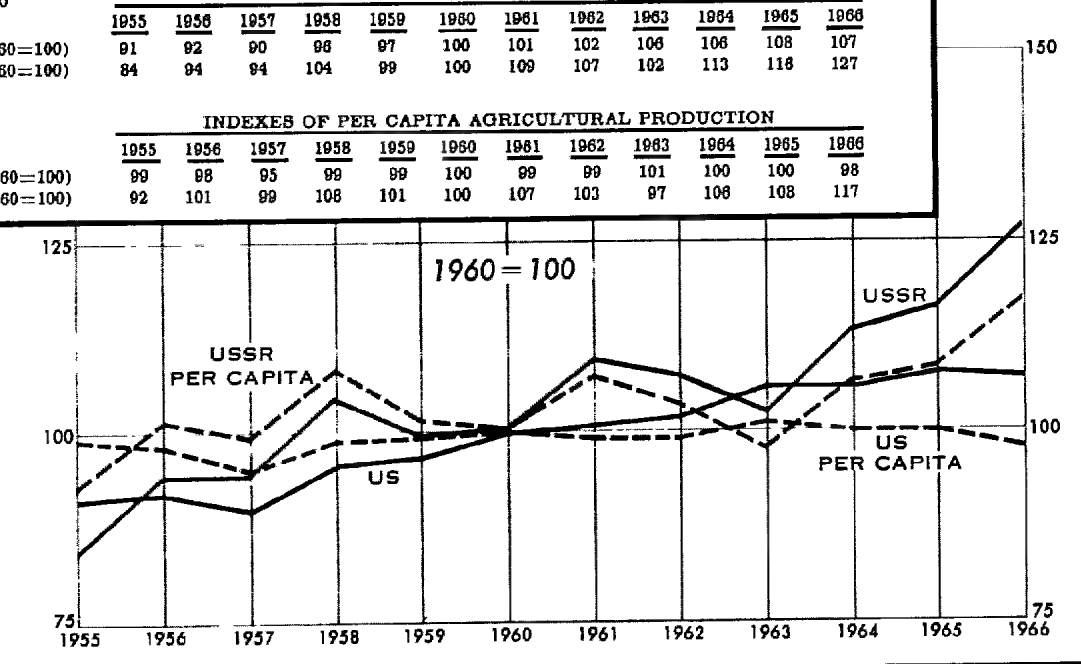
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Table 7

Indexes of Industrial Production <sup>a</sup> in Selected NATO and Communist Countries  
1955 and 1960-66

	1960=100								Average Annual Rate of Growth <sup>b</sup> (Percent)	
	1955	1960	1961	1962	1963	1964	1965	1966	1956-66	1962-66
<b>NATO COUNTRIES</b>										
US.....	89*	100*	101*	109*	114*	122*	132*	144*	4.5*	7.4*
Belgium.....	88*	100*	105*	112*	121*	129*	132*	134*	3.9*	5.0*
France.....	74*	100*	105*	111*	117*	126*	128*	136*	5.7*	5.3*
Italy.....	64*	100*	112*	123*	132*	134*	140*	156*	8.4*	6.9*
Luxembourg.....	84*	100*	103*	98*	100*	109*	110*	105*	2.0*	0.4*
Netherlands.....	74*	100*	105*	110*	116*	126*	134*	142*	6.1*	6.2*
UK.....	88*	100*	101*	101*	105*	113*	116*	118*	2.7*	3.2*
West Germany.....	70*	100*	106*	110*	115*	125*	132*	134*	6.1*	4.8*
<b>COMMUNIST COUNTRIES</b>										
<b>USSR and Eastern Europe</b>										
USSR <sup>c</sup> .....	67	100	107	115	122	129	137	147	7.4	6.5
Eastern Europe.....	67*	100*	108*	115*	119*	128*	137*	146*	7.3*	6.2*
Bulgaria.....	52*	100*	109*	122*	133*	145*	162*	179*	11.9*	10.5*
Czechoslovakia.....	64*	100*	106*	111*	108*	110*	116*	122*	6.0*	2.7*
East Germany.....	71*	100*	104*	109*	113*	117*	122*	126*	5.4*	4.0*
Hungary.....	77*	100*	110*	119*	127*	138*	144*	152*	6.4*	6.6*
Poland.....	68*	100*	110*	118*	125*	137*	151*	161*	8.2*	7.9*
Rumania.....	64*	100*	113*	125*	136*	156*	178*	198*	10.8*	11.8*
<b>Far East</b>										
Communist China <sup>d</sup> .....	43*	100*	66*	58*	64*	72*	78*	83*	6.2*	4.7*
<b>Other</b>										
Yugoslavia.....	55*	100*	107*	115*	133*	154*	166*	173*	11.0*	10.1*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Indexes for the NATO countries are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing and mining and, in most countries, public utilities. Data for Belgium, France, Italy, Luxembourg, the Netherlands, the UK, and West Germany exclude the manufacture of food, beverages, and tobacco. The indexes for the Communist countries are estimates of this Office—constructed as nearly as possible on the same basis as the indexes for Western countries—or other calculations accepted by this Office. The indexes for the Communist countries include manufacturing, mining, and public utilities.

<sup>b</sup> The base years are 1955 and 1961, respectively. Rates of growth are derived from unrounded data.

<sup>c</sup> Index of gross values for individual commodities and branches aggregated by 1960 value-added weights. The three sectors covered—materials, machinery, and nondurable consumer goods—constitute 50.2 percent, 30.4 percent, and 19.4 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of US industrial production of the US Federal Reserve Board.

<sup>d</sup> Estimates of this Office computed by applying value-added weights to data for commodity production. The data are fragmentary and uncertain; therefore the index should be regarded as providing only a tentative indication of the general level and trend in production.



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Table 8

Indexes of Industrial and Agricultural Production <sup>a</sup> in the Eastern European Communist Countries  
1955 and 1960-66

		1960 = 100								Average Annual Rate of Growth <sup>b</sup> (Percent)	
		1955	1960	1961	1962	1963	1964	1965	1966	1956-66	1962-66
Eastern European Communist Countries.	Industry.....	67*	100*	108*	115*	119*	128*	137*	146*	7.3*	6.2*
	Agriculture.....	89	100	102	98	100	105	107	113	2.2	2.1
Bulgaria.....	Industry.....	52*	100*	109*	122*	133*	145*	162*	179*	11.9*	10.5*
	Agriculture.....	80	100	100	107	105	111	109	137	5.0	6.5
Czechoslovakia.....	Industry.....	64*	100*	106*	111*	108*	110*	116*	122*	6.0*	2.7*
	Agriculture.....	92	100	100	96	96	100	97	107	1.4	1.4
East Germany.....	Industry.....	71*	100*	104*	109*	113*	117*	122*	126*	5.4*	4.0*
	Agriculture.....	91	100	91	85	96	95	103	103	1.1	2.5
Hungary.....	Industry.....	77*	100*	110*	119*	127*	138*	144*	152*	6.4*	6.6*
	Agriculture.....	93	100	99	95	103	107	102	106	1.2	1.4
Poland.....	Industry.....	68*	100*	110*	118*	125*	137*	151*	161*	8.2*	7.9*
	Agriculture.....	84	100	106	100	99	106	107	110	2.5	0.7
Rumania.....	Industry.....	64*	100*	113*	125*	136*	156*	178*	198*	10.8*	11.8*
	Agriculture.....	96	100	111	101	102	110	117	126	2.5	2.6

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> The indexes of industrial production are estimates of this Office—constructed as nearly as possible on the same basis as indexes for Western countries—or other calculations accepted by this Office. The indexes include manufacturing, mining, and public utilities. The indexes for agricultural production are estimates of this Office—based on the gross production of crops minus seed, waste, and feed (including imported grain), and livestock products (including changes in livestock numbers) using FAO/OECD Western European regional price weights (1952-56 average).

<sup>b</sup> The base years are 1955 and 1961, respectively. Rates of growth in industrial production are derived from unrounded data.

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Table 9

Official Communist Indexes of Gross Industrial Production <sup>a</sup>  
1955 and 1960-66

	1960=100								Average Annual Rate of Growth <sup>b</sup> (Percent)	
	1955	1960	1961	1962	1963	1964	1965	1966	1956-66	1962-66
COMMUNIST COUNTRIES										
USSR and Eastern Europe										
USSR.....	61*	100*	109*	120*	129*	139*	151*	164*	9.4*	8.5*
Eastern Europe										
Bulgaria.....	48*	100*	112*	125*	137*	152*	173*	194*	13.6*	11.8*
Czechoslovakia.....	60*	100*	109*	116*	115*	120*	130*	140*	7.9*	5.0*
East Germany.....	65*	100*	106*	112*	117*	125*	133*	142*	7.3*	5.9*
Hungary.....	70*	100*	110*	119*	127*	138*	145*	155*	7.5*	7.0*
Poland.....	63*	100*	110*	120*	126*	138*	150*	161*	9.0*	7.9*
Rumania.....	60*	100*	116*	131*	148*	169*	191*	213*	12.3*	13.0*
Far East										
North Korea.....	22*	100*	114*	137*	148*	173*	198*	N.A.*	24.6* <sup>c</sup>	14.8* <sup>d</sup>
North Vietnam.....	21*	100*	113*	143*	154*	170*	184*	N.A.*	24.2* <sup>c</sup>	13.0* <sup>d</sup>
Other										
Albania.....	46*	100*	107*	113*	121*	130*	138*	152* <sup>e</sup>	11.4*	7.3*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> These indexes are measures of the "gross" value of production of industry at constant prices. The gross value of production is, in general, the sum of the value of output of all industrial enterprises. The definition of industry in Communist countries includes not only manufacturing, mining, and public utilities, as in most Western definitions of industry, but also certain other activities (varying from country to country).

<sup>b</sup> The base years are 1955 and 1961, respectively. Rates of growth are derived from unrounded data.

<sup>c</sup> Rate of growth for 1956-65.

<sup>d</sup> Rate of growth for 1962-65.

<sup>e</sup> Estimated.

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Table 10

Indexes of Industrial Production, by Branch of Industry, \* in the USSR  
1955 and 1960-66

	1955	1960	1961	1962	1963	1964	1965	1966 <sup>b</sup>
Industrial materials.....	64.4	100.0	106.0	113.6	121.1	130.1	139.6	149.5
Electric power.....	58.2	100.0	112.1	126.5	140.7	156.4	172.5	186.5
Coal.....	75.0	100.0	100.0	102.0	105.0	109.2	113.6	115.1
Petroleum products and natural gas...	47.5	100.0	112.3	127.4	141.6	155.1	169.0	184.9
Ferrous metals.....	68.0	100.0	108.1	116.8	124.1	134.0	146.1	156.9
Nonferrous metals.....	72.5	100.0	108.0	117.6	127.1	138.7	151.8	N.A.
Forest products.....	72.8	100.0	101.3	105.3	111.2	116.4	119.2	124.0
Paper and paperboard products.....	73.3	100.0	105.9	113.4	119.7	128.6	145.5	157.6
Construction materials.....	44.0	100.0	110.5	120.4	127.2	135.7	146.2	162.0
Chemicals.....	54.5	100.0	108.1	118.9	129.0	145.3	162.7	185.0
Machinery.....	68.1	100.0	109.8	119.4	127.0	131.8	139.1	153.8
Civilian.....	55.8	100.0	112.4	123.8	134.4	143.0	152.8	166.6
Military.....	86.5	100.0	105.9	112.7	116.0	115.1	118.6	134.7
Nondurable consumer goods.....	72.0	100.0	105.3	110.2	111.7	116.7	124.8	131.4
Soft goods.....	72.0	100.0	103.2	107.5	109.8	114.4	117.1	125.6
Processed foods.....	72.1	100.0	108.1	114.1	114.2	119.8	135.4	139.3
Total industrial production.....	67.0	100.0	107.0	114.7	121.1	128.0	136.6	147.3

\* Indexes of gross value for individual commodities and branches are aggregated by 1960 value-added weights. The three sectors covered—materials, machinery, and nondurable consumer goods—constitute 50.2 percent, 30.4 percent, and 19.4 percent, respectively, of the value-added weights for total industrial production.

<sup>b</sup> Preliminary.

Table 11

Soviet State Budget  
Selected Years, 1955-67

Billion New Rubles

Category	1955	1960	1962	1964	1965		1966		1967
	Actual	Actual	Actual	Actual	Plan	Actual	Revised Plan	Actual	Plan
<b>Revenues</b>									
Social Sector.....	47.62*	70.14*	76.68*	87.01*	91.79*	93.89*	97.9*	N.A.*	100.37*
Turnover Tax.....	24.24*	31.34*	32.95*	36.69*	39.1*	38.66*	39.5*	39.3*	40.7*
Profit Deductions.....	10.28*	18.64*	23.86*	28.73*	31.6*	30.87*	36.4*	N.A.*	37.2*
MTS-RTS *.....	0.62*	0*	0*	0*	0*	0*	0*	0*	0*
Taxes on Enterprises and Organizations.....	1.24*	1.85*	1.32*	1.35*	1.5*	1.55*	N.A.*	N.A.*	22.5*
Social Insurance Receipts.....	2.61*	3.74*	4.41*	4.95*	5.5*	5.56*	5.9*	N.A.*	
Residual.....	8.63*	14.58*	14.13*	15.29*	14.1*	17.25*	N.A.*	N.A.*	9.88* <sup>b</sup>
Private Sector.....	8.82*	6.94*	7.63*	7.39* <sup>b</sup>	7.91* <sup>b</sup>	8.43* <sup>b</sup>	8.9* <sup>b</sup>	N.A.*	
State Taxes on the Population.....	4.83*	5.60*	6.00*	6.75*	7.3*	7.70*	8.1*	N.A.*	9.0*
State Loans.....	3.68*	0.91*	1.17*	0.11* <sup>b</sup>	0.6* <sup>c</sup>	0.18* <sup>b</sup>	0.17* <sup>b</sup>	N.A.*	0.26* <sup>b</sup>
Local Taxes and Lottery Revenue.....	0.31*	0.43*	0.46*	0.53*		0.55*	0.6* <sup>c</sup>	N.A.*	0.5* <sup>c</sup>
Total.....	56.44*	77.08*	84.31*	94.41* <sup>b</sup>	99.70* <sup>b</sup>	102.33* <sup>b</sup>	106.76* <sup>b</sup>	107.0* <sup>b</sup>	110.25* <sup>b</sup>
<b>Expenditures</b>									
Financing the National Economy.....	23.32*	34.13*	36.22*	40.60*	42.36*	44.92*	44.9*	N.A.*	46.92*
Industry and Construction.....	10.95*	15.59*	15.36*	18.87*	20.6*	20.99*	N.A.*	N.A.*	21.9*
Agriculture and Procurement.....	5.85* <sup>d</sup>	4.75*	7.53*	8.67*	7.0*	6.77*	N.A.*	N.A.*	6.4*
Transportation and Communications.....	1.95*	2.81*	2.75*	2.78*	2.9*	2.83*	N.A.*	N.A.*	2.7*
Trade.....	1.07*	3.59*	1.75*	1.79*	2.0*	2.27*	N.A.*	N.A.*	3.2*
Municipal Economy and Housing.....	0.90*	3.22*	3.85*	3.80*	3.8*	4.23*	N.A.*	N.A.*	4.2* <sup>c</sup>
Other.....	2.60*	4.17*	4.98*	4.71*	6.1*	7.83*	N.A.*	N.A.*	8.5* <sup>c</sup>
Social-Cultural Measures.....	14.72*	24.94*	28.97*	33.31*	37.45*	38.17*	40.5*	N.A.*	42.92*
Education, Science, and Culture.....	6.88*	10.31*	12.44*	15.10*	17.2*	17.51*	18.8*	N.A.*	19.6*
Health and Physical Culture.....	3.13*	4.84*	4.95*	5.66*	6.5*	6.67*	7.1*	N.A.*	7.4*
Social Welfare.....	4.71*	9.79*	11.59*	12.55*	13.8*	13.99*	14.6*	N.A.*	15.9*
Administration.....	1.25*	1.09*	1.09*	1.11*	1.15*	1.28*	1.4*	N.A.*	1.43*
Defense.....	10.74*	9.30*	12.65*	13.28*	12.79*	12.78*	13.4*	N.A.*	14.50*
Loan Service.....	1.43*	0.7*	0.8*	0.1*	0.1* <sup>c</sup>	0.1*	0.1* <sup>c</sup>	N.A.*	0.1* <sup>c</sup>
Reserve Funds of the Councils of Ministers.....	0*	0*	0*	0*	5.69* <sup>c</sup>	0*	6.3* <sup>c</sup>	0*	4.15*
Residual.....	2.51*	2.97*	2.44*	3.83*		4.38*			
Total.....	53.95*	73.13*	82.15*	92.23*	99.54*	101.62*	106.61*	106.7*	110.02*
Budget Surplus.....	2.48*	3.95*	2.15*	2.18* <sup>b</sup>	0.16* <sup>b</sup>	0.70* <sup>b</sup>	0.15* <sup>b</sup>	0.3* <sup>b</sup>	0.23* <sup>b</sup>

\* An asterisk indicates that the data are unclassified.

\* Machine tractor stations in 1955, repair technical stations thereafter.

<sup>b</sup> Not comparable with previous years, as a consequence of the elimination from budgetary revenue of revenue from the savings deposits of the population.<sup>c</sup> Estimated data.<sup>d</sup> Including expenditures on Machine Tractor Stations.

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SOVIET INVESTMENT AND FINANCE

Table 12  
 Soviet Gross Fixed Investment, by Function and by Sector <sup>a</sup>  
 1955 and 1960-66

Million New Rubles <sup>b</sup>

	Old Series						New Series		
	1955	1960	1961	1962	1963	1964	1964	1965	1966 <sup>c</sup>
Total investment.....	19,931*	36,705*	38,271*	40,150*	42,214*	45,938*	44,986*	48,722*	51,700*
By function									
Construction.....	12,831*	24,240*	24,512*	24,821*	25,488*	27,083*	26,899*	29,325*	31,000*
Equipment.....	5,541*	10,117*	11,201*	12,465*	13,655*	15,460*	14,992*	15,881*	16,900*
Other capital outlays.....	1,559*	2,348*	2,558*	2,864*	3,071*	3,395*	3,095*	3,516*	3,800*
Productive investment.....	13,599*	22,508*	23,768*	25,500*	27,433*	30,965*	30,644*	33,006*	35,500*
By function									
Of which:									
Construction.....	7,293*	12,062*	12,492*	12,796*	13,502*	15,194*	15,048*	16,223*	17,490*
Equipment.....	5,024*	8,513*	9,230*	10,284*	11,532*	13,112*	13,112*	14,257*	15,305*
By sector									
Industry <sup>d</sup> .....	7,589*	12,854*	13,308*	14,165*	15,130*	16,965*	16,718*	17,960*	19,200*
Ferrous metallurgy.....	586*	1,219*	1,327*	1,413*	1,450*	1,426*	1,395*	1,554*	N.A.*
Chemicals.....	278*	910*	1,063*	1,164*	1,466*	1,983*	1,948*	1,924*	N.A.*
Fuels and power.....	2,865*	3,797*	3,959*	4,176*	4,510*	5,203*	5,112*	5,687*	N.A.*
Machine building.....	1,139*	1,805*	2,046*	2,397*	2,441*	2,617*	2,580*	2,775*	N.A.*
Construction materials..	274*	1,010*	1,018*	932*	954*	853*	841*	857*	N.A.*
Consumer goods.....	903*	1,962*	1,771*	1,849*	1,929*	2,094*	2,074*	2,210*	N.A.*
Other.....	1,544*	2,151*	2,124*	2,234*	2,380*	2,789*	2,768*	2,953*	N.A.*
Construction industry.....	550*	1,030*	1,117*	1,050*	1,081*	1,206*	1,200*	1,324*	1,400*
Agriculture.....	3,804*	5,172*	5,702*	6,316*	6,983*	8,242*	8,201*	8,872*	10,000*
Transport and communica- tions.....	1,656*	3,452*	3,641*	3,969*	4,239*	4,552*	4,525*	4,850*	4,900*
Nonproductive investment.....	6,332*	14,197*	14,503*	14,650*	14,781*	14,973*	14,342*	15,716*	16,200*
By function									
Of which:									
Construction.....	5,538*	12,178*	12,020*	12,025*	11,986*	11,889*	11,851*	13,102*	13,510*
Equipment.....	517*	1,604*	1,971*	2,181*	2,123*	2,348*	1,880*	1,624*	1,595*
By sector									
Housing.....	3,796*	8,275*	7,879*	7,729*	7,714*	7,394*	7,334*	8,152*	8,200*
Welfare services.....	2,536*	5,922*	6,624*	6,921*	7,067*	7,679*	7,008*	7,564*	8,000*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Because of adjustments in the constant price valuation as well as a revision in definitional concept, the old official Soviet investment series cannot be extended beyond 1964. Nor can the new official series be extended backward for the years before 1964 except for two or three isolated years. The two series may be linked, however, through the common year 1964. Thus, annual growth rates for 1965 may be calculated without significant distortion by using 1964 data in the new series as the base.

<sup>b</sup> All data are expressed in investment prices of 1 July 1955 adjusted for new unit valuations introduced in 1956, for the reduction of overhead cost norms in 1958, and for the reduction of equipment installation prices in 1959. In addition, the new series reflects adjustments for the reduction in 1962 of prices for project-survey work and of unit valuations for certain types of construction-in-stallation work, as well as the exclusion—for reasons unexplained—of "outlays for the acquisition of equipment for existing state institutions, schools, hospitals, kindergartens, and nurseries." As a result of these differences, 1964 investment under the new series is 952 million new rubles less than under the old series, including a difference of 184 million new rubles in construction, 468 million new rubles in equipment, and 300 million new rubles in other capital outlays.

<sup>c</sup> Preliminary estimate.

<sup>d</sup> Excluding the construction industry.

Table 13

Drawings and Scheduled Repayments on Western Credits to the USSR <sup>a</sup>  
1959-66

	Estimated Drawings <sup>b</sup>	Scheduled Repayments <sup>c</sup>	Interest <sup>d</sup>	Net Credits	Outstanding at End of Year
	Million US \$				
1959.....	50	10	0	40	40
1960.....	225	55	2	168	210
1961.....	250	105	10	135	355
1962.....	300	165	18	117	490
1963.....	300	215	24	61	575
1964.....	300	255	29	16	620
1965.....	350	290	31	29	680
1966.....	355 <sup>e</sup>	280	35	40	755

<sup>a</sup> There is no record that any medium-term (five years or less) or long-term (in excess of five years) credits were extended to the USSR by Western countries before 1959.

<sup>b</sup> Range of error of plus or minus 20 percent for 1959-62 and 10 percent for 1963-66.

<sup>c</sup> Including downpayments.

<sup>d</sup> Interest computed at 5 percent on medium-term credits and at 6 percent on all long-term credits except the Fiat credit, which is computed at its announced rate of 5.75 percent.

<sup>e</sup> Including the first long-term credit drawings, amounting to an estimated US \$100 million.

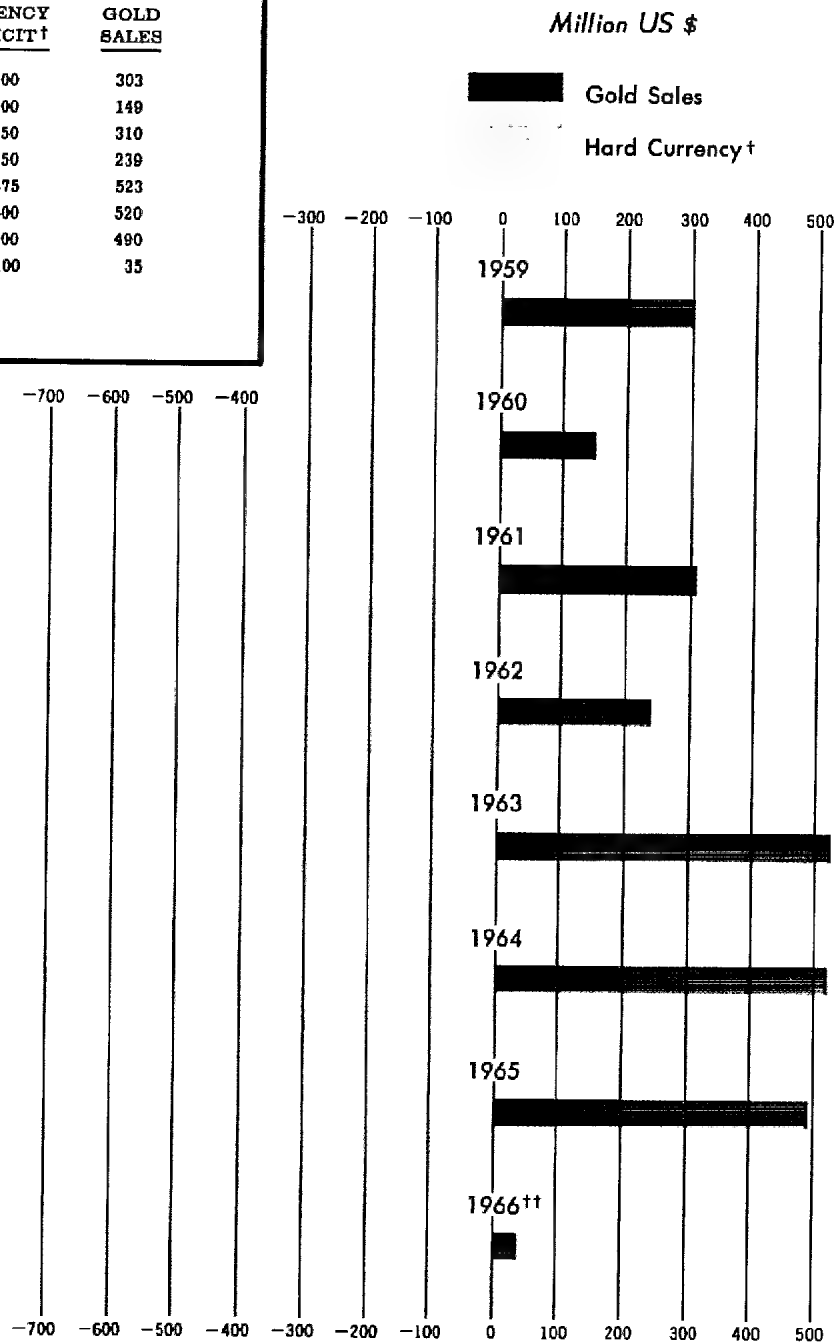
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Tabular Graphic

## Soviet Hard Currency Payments Deficit 1959-66

TABLE 14

	MILLION US \$	
	HARD CURRENCY DEFICIT†	GOLD SALES
1959	-100	303
1960	-300	149
1961	-250	310
1962	-350	239
1963	-375	523
1964	-600	520
1965	-300	490
1966††	-100	35



† Hard currency deficit is primarily a trade deficit.

†† Preliminary.

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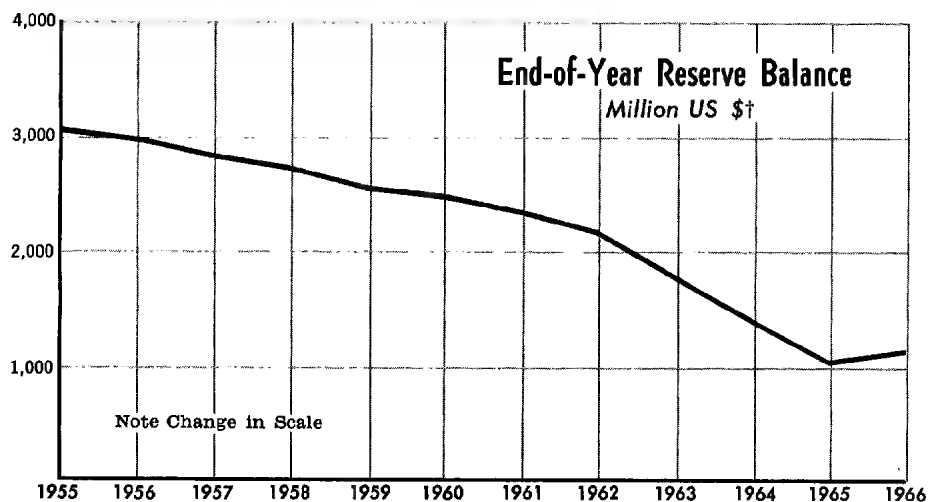
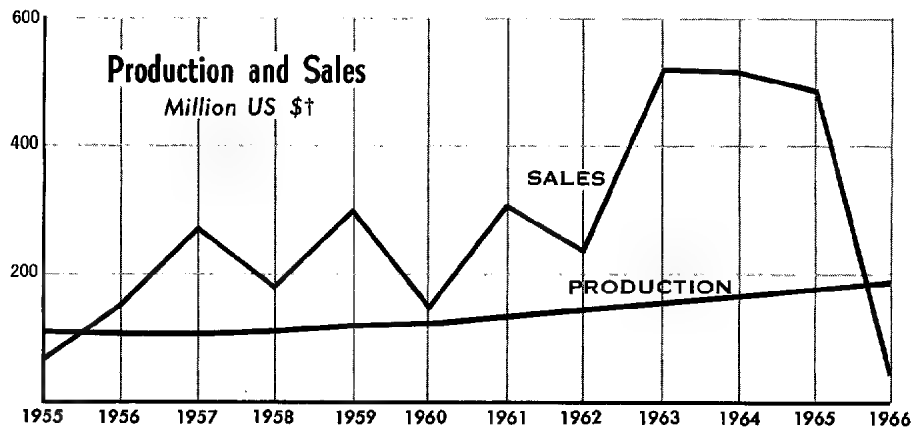
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Tabular Graphic

## Production, Disposition, and Reserves of Gold in the USSR, 1955-66

TABLE 15

	MILLION US \$ †											
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
PRODUCTION	106	104	104	109	116	124	133	143	153	164	176	188
NET CONSUMPTION	18	20	22	24	25	27	28	30	30	32	34	36
SALES	70	154	275	182	303	149	310	239	523	520	490	35
OTHER ADDITIONS AND WITHDRAWALS	+11	+Negl.	+21	+14	+18	0	0	0	0	0	0	0
CHANGE IN RESERVES END - OF - YEAR	+29	-70	-172	-83	-194	-52	-205	-126	-400	-388	-348	+117
RESERVE BALANCE	3,047	2,977	2,805	2,722	2,528	2,476	2,271	2,145	1,745	1,357	1,009	1,126



† Based on a value of \$ 35 per troy ounce.

**SECRET**GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION



Table 16

Comparison of Selected Economic Data for the US and the USSR  
1955 and 1960-66

Product, Unit of Measure, and Country	1955	1960	1961	1962	1963	1964	1965	1966
Gross national product (billion 1965 US \$)								
US.....	485.7*	540.9*	551.4*	587.5*	611.1*	643.2*	681.2*	718.4*
USSR.....	184.4	245.4	261.5	270.7	275.5	296.2	311.6	336.2
Index of industrial production (1960=100)								
US.....	89*	100*	101*	109*	114*	122*	132*	144*
USSR.....	67	100	107	116	122	129	137	147
Total population (midyear population in millions)								
US.....	165.9*	180.7*	183.8*	186.7*	189.4*	192.1*	194.6*	196.8*
USSR.....	196.1*	214.2*	217.9*	221.4*	224.7*	227.8*	230.5*	233.2*
Electric power (gross), (billion kilowatt-hours)								
US.....	668*	894*	933*	1,001*	1,075*	1,152*	1,230*	1,327*
USSR.....	170*	292*	328*	369*	412*	459*	507*	545*
Primary energy (million metric tons of coal equivalents <sup>b</sup> )								
US.....	1,319*	1,429*	1,449*	1,508*	1,590*	1,658*	1,715*	1,810*
USSR.....	436.1*	666.9*	710.9*	770.4*	829.9*	892.6*	959.3*	1,018
Passenger automobiles (thou- sand units)								
US.....	7,920*	6,675*	5,543*	6,933*	7,638*	7,752*	9,306*	8,605*
USSR.....	108*	139*	149*	166*	173*	185*	201*	230*
Crude steel (million metric tons)								
US.....	106.2*	90.1*	88.9*	89.2*	99.1*	115.2*	119.0*	121.4*
USSR.....	45.3*	65.3*	70.8*	76.3*	80.2*	85.0*	91.0*	96.9*
Grain (million metric tons)								
US <sup>d</sup> .....	154* <sup>e</sup>	181*	164*	163*	177*	164*	185*	183*
USSR <sup>f</sup> .....	104* <sup>e</sup>	93*	110*	109*	92*	120*	100*	135 to 140*
Meat <sup>g</sup> (million metric tons)								
US <sup>h</sup> .....	12.2*	12.8*	13.0*	13.1*	13.9*	14.8*	14.3*	14.8*
USSR <sup>i</sup> .....	5.7*	7.4*	7.4*	8.1*	8.9*	7.3*	8.8*	9.5*
Synthetic fibers (thousand met- ric tons)								
US.....	172*	307*	341*	440*	524*	638*	806*	937*
USSR.....	8.9*	15.0*	23.6*	33.9*	42.6*	56.9*	77.5*	N.A.
Domestic transport performance (billion metric ton-kilome- ters)								
US.....	2,320*	2,370*	2,360*	2,450*	2,560*	2,680*	2,860*	3,050*
USSR.....	1,130*	1,790*	1,880*	1,990*	2,120*	2,270*	2,420*	2,520*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>c</sup> Data are for factory sales and include complete units exported for assembly.

<sup>d</sup> Excluding corn silage and forage but including sorghum for grain.

<sup>e</sup> Annual average for 1955-59.

<sup>f</sup> Including miscellaneous grains and pulses.

<sup>g</sup> Data are carcass weight, bone-in basis.

<sup>h</sup> Excluding slaughter fats, poultry, rabbit, and variety meats.

<sup>i</sup> Including slaughter fats, poultry, and edible offal.

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PERFORMANCE AND PLAN

Table 17

Representative Factors of Consumption in the Economies of the US and the USSR  
1955, 1960, and 1966

	1955	1960	1966
<b>Food</b>			
Grain production <sup>a</sup> (million metric tons)			
US <sup>b</sup> .....	154* <sup>c</sup>	181*	183*
USSR <sup>d</sup> .....	104* <sup>e</sup>	93*	135 to 140*
Meat production <sup>a</sup> (million metric tons)			
US <sup>f</sup> .....	12.2*	12.8*	14.8*
USSR <sup>g</sup> .....	5.7*	7.4*	9.5*
Persons supplied per farm worker (persons)			
US .....	20*	25*	38*
USSR .....	4*	4*	5*
<b>Housing</b>			
Housing construction (million square meters)			
US .....	187*	144*	131*
USSR .....	53*	103*	94*
Per capita housing construction (square meters)			
US .....	1.13*	0.80*	0.67*
USSR .....	0.27*	0.48*	0.40*
<b>Transportation</b>			
Automobile production (thousand units)			
US <sup>h</sup> .....	7,920*	6,675*	8,605*
USSR .....	108*	139*	230*
Automobiles in use (thousand units)			
US <sup>i</sup> .....	52,145*	61,682*	78,315*
USSR <sup>j</sup> <sup>k</sup> .....	396*	691*	1,096*
<b>Culture</b>			
Television receivers in use <sup>k</sup> (million units)			
US .....	38*	56*	74*
USSR .....	0.8*	5*	19*
Radio receivers in use <sup>k</sup> (million units)			
US .....	124*	168*	256*
USSR .....	13*	28*	40*
<b>Production of household equipment</b>			
Washing machine production (thousand units)			
US .....	4,237*	3,274*	4,408*
USSR .....	87*	895*	3,869*
Refrigerator production (thousand units)			
US .....	4,200*	3,475*	4,685*
USSR .....	151*	529*	2,204*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> The data do not necessarily represent food available for consumption, because imports of foreign grain and exports of domestically produced grain are not included.<sup>b</sup> Excluding corn silage and forage but including sorghum for grain.<sup>c</sup> Annual average for 1955-59.<sup>d</sup> Including miscellaneous grains and pulses.<sup>e</sup> Data are carcass weight, bone-in basis.<sup>f</sup> Excluding slaughter fats, poultry, rabbit, and variety meats.<sup>g</sup> Including slaughter fats, poultry, and edible offal.<sup>h</sup> Data are for factory sales and include complete units exported for assembly.<sup>i</sup> Data are as of the end of the registration year.<sup>j</sup> Based on data for production, imports, exports, and estimated retirements.<sup>k</sup> Data are as of the end of the year.

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Table 18  
 Soviet Economic Plan for 1970

Commodity	Unit of Measure	Production		Average Annual Rate of Growth <sup>a</sup> (Percent)		
		Actual 1966	Planned 1970	Actual 1966	Planned 1966-70	Actual 1959-65
<b>Aggregative data</b>						
Index of national income <sup>b</sup> .....	1965=100 .....	108*	138 to 141* .....	7.5*	6.9*	6.8*
Gross industrial production <sup>c</sup> .....	1965=100 .....	109*	147 to 150* .....	8.6*	8.2*	9.1*
Group A (producers' goods) .....	1965=100 .....	109*	149 to 152* .....	9.5*	8.5*	10*
Group B (consumer goods) .....	1965=100 .....	107*	143 to 156* .....	6.6*	7.6*	6.9*
Industrial labor productivity .....	1965=100 .....	106*	133 to 135* .....	5.6*	6.0*	5.1*
<b>Fuels and power</b>						
Electric power .....	Billion kilowatt-hours ..	545*	840 to 850* .....	7.5*	11*	12*
Total coal .....	Million metric tons .....	585*	665 to 675* .....	1.2*	3.0*	2.3*
Crude oil .....	Million metric tons .....	265*	345 to 355* .....	9.1*	7.6*	12*
Natural gas <sup>d</sup> .....	Billion cubic meters .....	145*	225 to 240* .....	12*	12*	23*
<b>Metals</b>						
Crude steel .....	Million metric tons .....	96.9*	124 to 129* .....	6.5*	6.8*	7.5*
Rolled steel .....	Million metric tons .....	76.6*	95 to 99* .....	8.0*	6.5*	7.4*
Pig iron .....	Million metric tons .....	70.3*	94 to 97* .....	6.2*	7.6*	7.6*
<b>Chemicals</b>						
Mineral fertilizer (Soviet statistical reporting units) .....	Million metric tons .....	35.8*	62 to 65* .....	14*	15*	14*
Plastics and synthetic resins .....	Thousand metric tons...	971*	2,100 to 2,300*...	21*	22*	19*
<b>Manufacturing and construction</b>						
Passenger automobiles .....	Thousand units .....	230*	700 to 800* .....	14*	30*	7.4*
Trucks and buses .....	Thousand units .....	445*	660 to 710* .....	7.2*	11*	0.9*
Tractors .....	Thousand units .....	382*	600 to 625* .....	7.6*	12*	7.1*
Television receivers .....	Million units .....	4.42*	7.5 to 7.7* .....	21*	16*	21*
Rubber tires .....	Million units .....	27.7*	38 to 40* .....	4.9*	8.1*	9.1*
Chemical equipment .....	Million new rubles <sup>e</sup> .....	417*	780 to 830* .....	8.0*	16*	19*
Cement .....	Million metric tons .....	80*	100 to 105* .....	10*	7.2*	12*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> The base year is the year before the first year of the stated period and percentages for the plan data are based on the midpoint of the ranges.

<sup>b</sup> The official Soviet measure is based on a Marxist concept of national income and differs significantly from the concept used in Western market economies. For example, the Soviet measure excludes the value of services and overstates the contribution of industry by including all indirect taxes.

<sup>c</sup> Official "gross" value series.

<sup>d</sup> Including production of gas from coal and shale. Table 110, p. 113, excludes production of gas from these sources.

<sup>e</sup> Expressed in 1955 prices.

Table 19

Distribution of Defense and Space Expenditures, <sup>a</sup> by Major Mission in the US and the USSR  
 1966

	US <sup>b</sup> (Fiscal Year)	USSR <sup>c</sup> (Calendar Year)	
	Billion Current US \$	Billion 1964 US \$	Billion New Rubles <sup>d</sup>
Strategic attack.....	4.6	5.4	2.4
Strategic defense.....	1.6	5.2	2.2
General purpose.....	30.2	17.0	5.7
RDTE & S.....	15.0	12.0	5.2
Other.....	22.4	14.6	3.8
Total.....	73.8	54.2	19.3

<sup>a</sup> To achieve as high a degree of comparability as possible, adjustments have been made to the basic data available for both the US and USSR. For example, the ruble data, by mission, shown here differ somewhat from the comparable 1966 data shown in Table 20, p. 20. All expenditures for research, development, test and evaluation activities associated with military programs as well as expenditures for both civilian and military space programs have been aggregated and are included under RDTE & S. All expenditures for nuclear warheads have been aggregated and are included under "Other." All expenditures for military assistance and civil defense programs have been excluded.

<sup>b</sup> Planned total obligational authority (TOA). It should be noted that the pattern of expenditures shown for the US is not representative of the pre-Viet Nam period.

<sup>c</sup> These data for the USSR are reviewed and updated several times each year. Therefore, if they are to be used for more than general background purposes, this Office should be consulted to insure that they represent the latest available information. The Soviet expenditures presented in dollars are measures of Soviet programs computed on the basis of US factor costs and do not measure program costs as seen by Soviet planners.

<sup>d</sup> Expressed in 1955 prices.

NO FOREIGN DISSEM

Table 20

Estimated Soviet Expenditures for Defense and Space, <sup>a</sup> by Mission  
1955 and 1960-66Billion New Rubles <sup>b</sup>

	1955	1960	1961	1962	1963	1964	1965	1966
Mission								
Strategic attack.....	1.6	2.8	2.8	3.0	2.7	2.0	1.9	2.6
Strategic defense.....	1.9	2.2	2.4	2.3	2.1	2.2	2.2	2.5
Ground <sup>c</sup> .....	6.0	3.8	3.4	3.5	3.5	3.6	3.7	3.8
Naval <sup>d</sup> .....	2.6	1.6	1.5	1.7	1.7	1.7	1.7	1.7
Military transport aviation.....	0.3	0.7	0.7	0.7	0.8	0.8	0.6	0.6
RDTE & S <sup>e</sup> .....	1.0	2.3	2.7	3.1	3.7	4.1	4.5	5.2
Command and general support <sup>f</sup> .....	3.0	2.7	2.7	2.7	2.7	2.8	2.9	3.0
Total military expenditures.....	16.4	16.0	16.3	17.0	17.2	17.1	17.6	19.3
Of which:								
Military machinery.....	7.9	9.1	9.6	10.3	10.6	10.5	10.8	12.3

<sup>a</sup> These data are reviewed and updated several times each year. Therefore, if they are to be used for more than general background purposes, this Office should be consulted to insure that they represent the latest available information. The estimates conceptually include all outlays for personnel and other operating costs, procurement of all hardware used by the military establishment (including nuclear warheads), construction of facilities, military and nuclear research and development activities, and all space programs but exclude military assistance programs. Many of the funds required to cover these expenditures come from sources other than the budget category labeled "Defense" by the USSR. Most of the figures in the table are derived from detailed calculations of the estimated size and cost to deploy and operate individual program elements of the Soviet military establishment. The underlying calculations produce numbers that suggest a high degree of accuracy. In fact, however, these estimates are subject to considerable uncertainty and should not be considered as precise measures. Nevertheless, the estimates are as accurate and as comprehensive as the data available on 15 May 1967 permitted.

<sup>b</sup> Expressed in 1955 prices.

<sup>c</sup> Including expenditures for tactical aviation.

<sup>d</sup> Including expenditures for naval aviation.

<sup>e</sup> Expenditures for research, development, test, and evaluation for all military and nuclear energy programs as well as all expenditures for military and civilian space programs. These estimates are derived from analysis of published Soviet financial data and do not represent detailed calculations of the estimated magnitude and cost of individual programs.

<sup>f</sup> Expenditures for reserve training, militarized security forces, retirement pay, and paramilitary training, in addition to command and support for the active military establishment.

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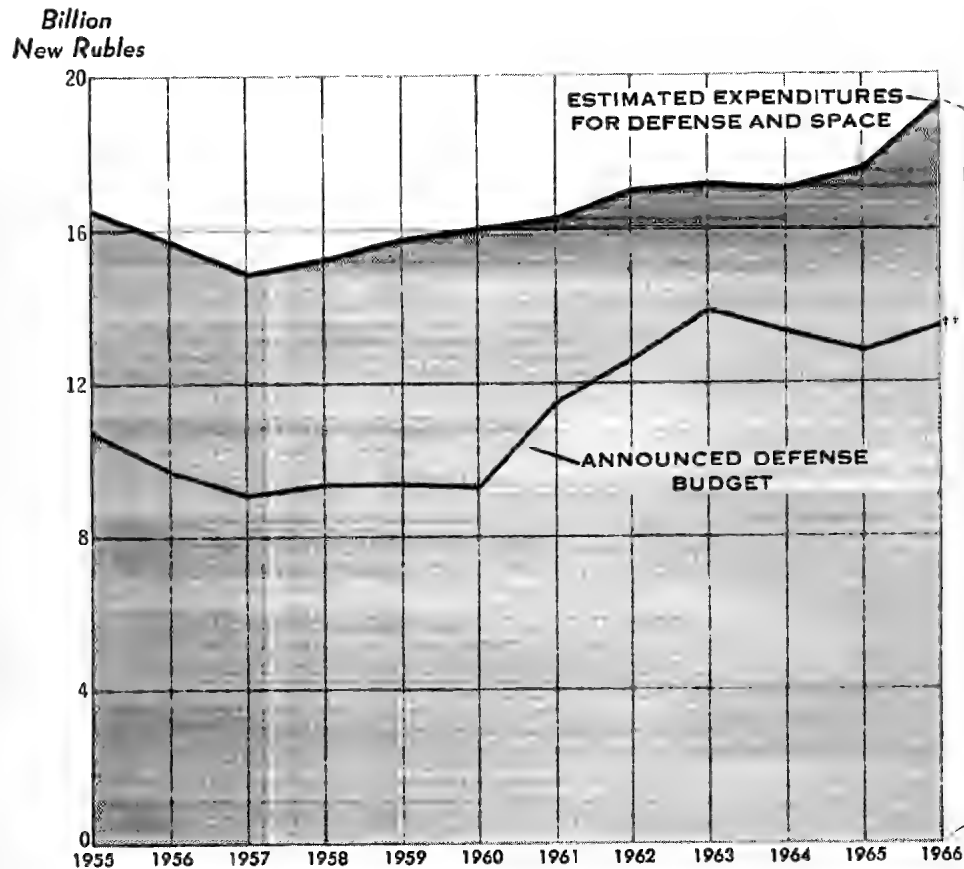
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Public Graphic

## Estimated Soviet Military Expenditures 1955-66

TABLE 21

	BILLION NEW RUBLES											
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
ESTIMATED EXPENDITURES FOR DEFENSE AND SPACE†	16.4	15.7	14.8	15.2	16.7	16.0	16.3	17.0	17.2	17.1	17.6	19.3
ANNOUNCED DEFENSE BUDGET	10.7	9.7	9.1	9.4	9.4	9.3	11.6	12.6	13.9	13.3	12.8	13.4††



† Expressed in 1955 prices.

†† Plan data.

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NO FOREIGN DISSEM

GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

56264 5-67 CIA

Table 22

Construction of Naval Ships, by Type, in the Communist Countries  
Selected Years, 1960-66

Units

	1960		1962		1963		1964		1965		1966	
	Nuclear	Diesel	Nuclear	Diesel	Nuclear	Diesel	Nuclear	Diesel	Nuclear	Diesel	Nuclear	Diesel
<b>COMMUNIST COUNTRIES</b>												
<b>USSR</b>												
Submarines												
Attack	2	6 <sup>a</sup>	2	6 <sup>a</sup>	2	4 <sup>a</sup>	2	5 <sup>a</sup>	1	5 <sup>a</sup>	1	6 <sup>a</sup>
Ballistic missile	3 <sup>b</sup>	7 <sup>c</sup>		1 <sup>c</sup>								
Cruise missile	2 <sup>d</sup>		4 <sup>d</sup>	2 <sup>e</sup>	6 <sup>d</sup>	2 <sup>e</sup>	6 <sup>d</sup>	2 <sup>e</sup>	6 <sup>d</sup>	2 <sup>e</sup>	4 <sup>d</sup>	2 <sup>e</sup>
Destroyers												
Guided missile <sup>f</sup>		3		2		2		3		4		3
Guided missile motorboats <sup>g</sup>		40		31		25		20		20		20
Patrol craft <sup>h</sup>		26		20		24		21		22		21
Patrol craft <sup>i</sup>		35						6		13		18
Mine ships <sup>j</sup>		11		12		18		18		18		18
Auxiliaries <sup>k</sup>		3		11		5		5		4		3
Amphibious <sup>l</sup>		33								6		3
<b>East Germany</b>												
Patrol craft <sup>m</sup>				2		5		11		19		18
Amphibious <sup>n</sup>				6		8		2				
<b>Poland</b>												
Patrol craft <sup>o</sup>		5								1		3 <sup>p</sup>
Mine ships <sup>q</sup>		11				2		2		1		2
Auxiliaries <sup>r</sup>				1		3		11		9		7
Amphibious <sup>s</sup>						4		9		14		16
<b>Communist China</b>												
Submarines <sup>t</sup>		1		3				1		2		2
Destroyer escort <sup>u</sup>												2
Guided missile motorboats <sup>v</sup>						1		1				8
Patrol craft <sup>w</sup>								1		1		1
Patrol craft <sup>x</sup>		28		5 to 15		5 to 15		5 to 15		40 to 50		70 to 80
Mine ships <sup>y</sup>		2				2		1		2		4
Auxiliaries <sup>z</sup>								2		6		8
Amphibious <sup>aa</sup>		30						0 to 5		10 to 15		25 to 30

<sup>a</sup> F, Q, W, or Z classes.<sup>b</sup> H class.<sup>c</sup> G class.<sup>d</sup> E-I and E-II classes.<sup>e</sup> J class.<sup>f</sup> Kashin, Kildin, Kollin, Krupnyy, and Kynda classes.<sup>g</sup> Osa and Komar classes.<sup>h</sup> Mirka, Petya, Poti, and SO-1 classes.<sup>i</sup> MO-VI, P-6, P-10, Shershen, and Pchela classes.<sup>j</sup> Sasha, T-58, Vanya, and Yurka classes.<sup>k</sup> Don, Dnepr, EX-T-58, Lama, Prut, Uda, Ugra, and Luza classes.<sup>l</sup> Alligator, MP-8, MP-10, and MP-SMB-1 classes.<sup>m</sup> Forelle, Hai I, Hai II, Hai III, and Iltis classes.<sup>n</sup> Labo 100 and Labo 500 classes.<sup>o</sup> Gdansk, Oksywie, and OP-301 classes.<sup>p</sup> Shershen and Obluze classes.<sup>q</sup> Krogulec, T-43, and TR-40 classes.<sup>r</sup> N. Zubov, Oskol, and Samara classes.<sup>s</sup> Polnocny class.<sup>t</sup> R, W, and G classes.<sup>u</sup> Kiangnan class.<sup>v</sup> Hainan class.<sup>w</sup> P-6, Shanghai, Swatow, and Hu-chuan (hydrofoil) classes.<sup>x</sup> T-43 class.<sup>y</sup> Over 150 feet only.<sup>z</sup> LCM and LCT classes.

Table 23

Production of Military Aircraft, by Type, in the US and the Communist Countries  
1965 and 1966

	Units							
	Bombers <sup>a</sup>		Fighters <sup>a</sup>		Transports		Other <sup>b</sup>	
	1965	1966	1965	1966	1965	1966	1965	1966
US <sup>c</sup> .....	0	0	847 <sup>d</sup>	868 <sup>d</sup>	162	163	2,143	2,963
COMMUNIST COUNTRIES <sup>c</sup> .....	100	100	1,100	1,300	210	180	950	1,000
USSR and Eastern Europe...	100	100	940	970	150	80	900	950
USSR.....	100	100	940	970	96	50	320	310
Eastern Europe.....	0	0	0	0	50	30	590	640
Czechoslovakia.....	0	0	0	0	0	0	580	630
Poland.....	0	0	0	0	50	30	10	10
Far East.....	0	0	170	290	60	97	47	97
Communist China.....	0	0	170	290	60	97	47	97

<sup>a</sup> Including aircraft used for reconnaissance.

<sup>b</sup> Data are for trainers, helicopters, and antisubmarine warfare, warning, utility, and reconnaissance aircraft.

<sup>c</sup> Data are official military acceptances.

<sup>d</sup> Including attack aircraft.

<sup>e</sup> Data are estimated and rounded to two significant digits.

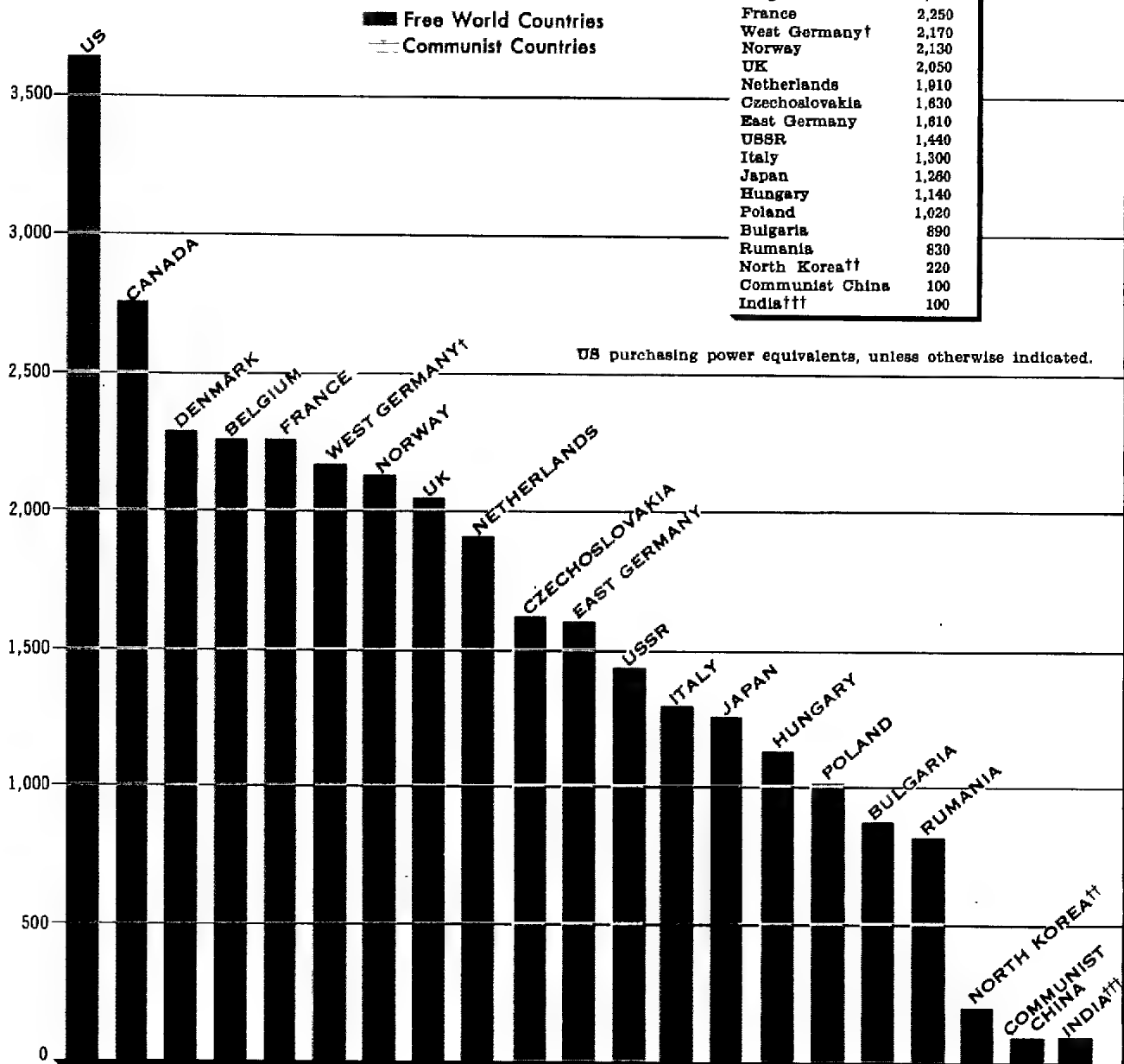


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Tabular Graphic

## Per Capita Gross National Product in Selected Countries, 1966

1965 US \$  
4,000



†Including West Berlin.

††Data are for 1965.

†††Gross domestic product per capita converted at the official exchange rate.

~~SECRET~~GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

Table 25

Estimated and Projected Population  
Selected Years, 1955-80

Million Persons at Midyear

	1955	1960	1962	1963	1964	1965	1966	1970	1975	1980
NATO COUNTRIES.....	445*	476*	489*	496*	502*	509*	514*	533*	572*	608*
US.....	165.9*	180.7*	186.7*	189.4*	192.1*	194.6*	196.8*	206.0*	219.4*	235.2*
Other NATO.....	279.4*	295.2*	302.6*	306.4*	310.2*	314.0*	317.5*	332.4*	352.3*	373.1*
Belgium.....	8.9*	9.2*	9.2*	9.3*	9.4*	9.5*	9.6*	9.9*	10.4*	10.9*
Canada.....	15.7*	17.9*	18.6*	18.9*	19.3*	19.6*	20.0*	21.4*	23.4*	25.5*
Denmark.....	4.4*	4.6*	4.6*	4.7*	4.7*	4.8*	4.8*	4.9*	5.1*	5.3*
France.....	43.4*	45.7*	47.0*	47.9*	48.4*	48.9*	49.4*	51.6*	54.8*	58.2*
West Germany.....	50.2*	53.2*	54.8*	55.4*	56.1*	56.8*	57.5*	59.9*	62.4*	64.4*
West Berlin.....	2.2*	2.2*	2.2*	2.2*	2.2*	2.2*	2.2*	2.1*	2.0*	1.9*
Greece.....	8.0*	8.3*	8.4*	8.5*	8.5*	8.6*	8.6*	8.7*	8.9*	9.1*
Iceland.....	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*
Italy.....	48.2*	49.6*	50.2*	50.6*	51.1*	51.6*	51.9*	53.4*	55.4*	57.4*
Luxembourg.....	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.4*	0.4*	0.4*
Netherlands.....	10.8*	11.5*	11.8*	12.0*	12.1*	12.3*	12.5*	13.2*	14.2*	15.4*
Norway.....	3.4*	3.6*	3.6*	3.7*	3.7*	3.7*	3.8*	3.9*	4.0*	4.2*
Portugal.....	8.6*	8.8*	9.0*	9.0*	9.1*	9.2*	9.3*	9.7*	10.1*	10.6*
Turkey.....	23.9*	27.5*	29.2*	30.0*	30.9*	31.7*	32.6*	36.5*	42.0*	48.4*
UK.....	51.2*	52.6*	53.5*	53.8*	54.2*	54.6*	55.0*	56.6*	58.9*	61.2*
COMMUNIST COUNTRIES.....	949*	1,052*	1,084*	1,103*	1,124*	1,145*	1,166*	1,254*	1,379*	1,522*
USSR and Eastern Europe....	289*	311*	319*	323*	327*	331*	334*	346*	362*	380*
USSR.....	196.1*	214.2*	221.4*	224.7*	227.8*	230.5*	233.2*	242.6*	254.9*	268.5*
Eastern Europe.....	92.8*	96.5*	97.8*	98.6*	99.4*	100.1*	100.6*	103.2*	107.0*	111.1*
Bulgaria.....	7.5*	7.9*	8.0*	8.1*	8.1*	8.2*	8.3*	8.5*	8.8*	9.1*
Czechoslovakia.....	13.1*	13.7*	13.9*	14.0*	14.1*	14.2*	14.2*	14.6*	15.1*	15.7*
East Germany.....	17.8*	17.0*	16.9*	16.9*	17.0*	17.0*	17.1*	17.2*	17.5*	17.9*
Hungary.....	9.8*	10.0*	10.1*	10.1*	10.1*	10.1*	10.2*	10.3*	10.5*	10.6*
Poland.....	27.2*	29.6*	30.3*	30.7*	31.2*	31.5*	31.7*	32.9*	34.8*	37.0*
Rumania.....	17.3*	18.4*	18.7*	18.8*	18.9*	19.0*	19.1*	19.6*	20.3*	20.9*
Far East.....	634*	713*	737*	751*	763*	785*	802*	877*	982*	1,104*
Communist China.....	611*	686*	709*	723*	738*	755*	772*	843*	944*	1,061*
North Korea.....	8.9*	10.6*	11.3*	11.6*	12.0*	12.3*	12.6*	14.1*	16.2*	18.6*
North Vietnam.....	14.9*	16.0*	16.6*	16.9*	17.3*	17.7*	18.1*	19.8*	22.0*	24.4*
Other.....	25.8*	27.7*	28.4*	28.8*	29.3*	29.7*	30.2*	32.0*	34.7*	37.7*
Albania.....	1.4*	1.6*	1.7*	1.8*	1.8*	1.9*	1.9*	2.1*	2.5*	2.9*
Cuba.....	6.1*	6.7*	6.9*	7.0*	7.1*	7.3*	7.4*	7.9*	8.6*	9.6*
Mongolia.....	0.8*	1.0*	1.0*	1.0*	1.1*	1.1*	1.1*	1.3*	1.4*	1.7*
Yugoslavia.....	17.5*	18.4*	18.8*	19.1*	19.3*	19.5*	19.7*	20.8*	22.1*	23.6*

\* An asterisk indicates that the data are unclassified.

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POPULATION

Table 26

Labor Force <sup>a</sup> in the US and Selected Communist Countries  
1955 and 1960-66

Million Persons at Midyear

	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>b</sup> .....	68.9*	73.1*	74.2*	74.7*	75.7*	75.8*	77.2*	78.9*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	149*	159*	161*	162*	165*	168*	171*	174*
USSR <sup>c</sup> .....	101.4*	109.4*	111.0*	112.5*	114.5*	116.9*	119.6*	121.7*
Eastern Europe.....	47.8*	49.4*	49.6*	49.9*	50.4*	50.9*	51.4*	52.0*
Bulgaria.....	4.11*	4.27*	4.31*	4.34*	4.38*	4.42*	4.46*	4.51*
Czechoslovakia.....	6.30*	6.61*	6.68*	6.76*	6.84*	6.91*	6.97*	7.04*
East Germany.....	8.74*	8.58*	8.45*	8.38*	8.38*	8.39*	8.43*	8.42*
Hungary.....	4.62*	4.89*	4.90*	4.93*	4.96*	4.98*	5.01*	5.04*
Poland.....	13.61*	14.22*	14.34*	14.51*	14.73*	15.01*	15.23*	15.57*
Rumania.....	10.40*	10.82*	10.88*	10.96*	11.07*	11.19*	11.32*	11.43*
Far East								
Communist China <sup>d</sup> .....	273*	307	305	306	314	321	328	335
North Korea <sup>d</sup> .....	3.5	4.1	4.2	4.4	4.6	4.7	4.8	4.9
North Vietnam <sup>d</sup> .....	7.4	8.2	8.4	8.6	8.9	9.2	9.4	9.7
Other								
Albania.....	0.68*	0.73*	0.75*	0.76*	0.78*	0.80*	0.82*	0.84*
Yugoslavia.....	8.01*	8.32*	8.38*	8.49*	8.62*	8.75*	8.88*	8.99*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data include the armed forces and the unemployed.

<sup>b</sup> Annual averages of monthly data.

<sup>c</sup> Average annual employment in the state sector and total number of participants on collective farms. The data exclude militarized security forces.

<sup>d</sup> Excluding the armed forces.

Table 27

Agricultural Labor Force <sup>a</sup> in the US and Selected Communist Countries  
1955 and 1960-66

	Million Persons at Midyear							
	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>b</sup> .....	6.72*	5.72*	5.46*	5.19*	4.95*	4.52*	4.36*	3.98*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	73.6*	72.5*	70.7*	69.8*	69.4*	69.2*	68.6*	67.6*
USSR <sup>c</sup> .....	51.1*	51.2*	49.9*	49.4*	49.3*	49.2*	48.9*	48.2*
Eastern Europe.....	22.6*	21.3*	20.8*	20.4*	20.1*	20.0*	19.7*	19.4*
Bulgaria.....	2.73*	2.31*	2.29*	2.28*	2.22*	2.20*	2.13*	2.10*
Czechoslovakia.....	2.19*	1.66*	1.55*	1.51*	1.50*	1.47*	1.43*	1.37*
East Germany.....	1.74*	1.43*	1.41*	1.42*	1.42*	1.42*	1.43*	1.42*
Hungary.....	2.01*	1.84*	1.76*	1.70*	1.60*	1.53*	1.52*	1.50*
Poland.....	6.62*	6.61*	6.57*	6.40*	6.30*	6.41*	6.27*	6.23*
Rumania.....	7.26*	7.41*	7.25*	7.10*	7.04*	7.01*	6.89*	6.80*
Far East								
Communist China.....	234*	254	257	262	269	275	280	286
North Korea.....	2.3	2.2	2.2	2.2	2.3	2.4	2.4	2.5
North Vietnam.....	6.2	6.4	6.5	6.6	6.7	7.0	7.0	N.A.
Other								
Albania.....	0.51*	0.51*	0.52*	0.53*	0.53*	0.54*	0.54*	0.55*
Yugoslavia.....	5.04*	4.73*	4.65*	4.63*	4.61*	4.59*	4.57*	4.54*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Excluding the armed forces.

<sup>b</sup> Annual averages of monthly data. Data are for civilian employment and differ from those presented in Table 148, p. 145. Data in Table 148 are for farm employment and include farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages. Data in Table 148 are based on a survey of farm payrolls conducted by the US Department of Agriculture. Data for the agricultural labor force are based on a household survey of the entire population conducted by the US Bureau of Census. Data in Table 148 are a more comprehensive count of agricultural employment and are considered to be more comparable to data presented for the USSR, whereas data in this table are considered to be more comparable to data presented for the Communist countries as a whole.

<sup>c</sup> Excluding militarized security forces.

Table 28

Nonagricultural Labor Force \* in the US and Selected Communist Countries  
1955 and 1960 66

Million Persons at Midyear

	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>b</sup> .....	56.2*	61.0*	61.3*	62.7*	63.9*	64.8*	66.7*	68.9*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	75.5*	86.3*	89.8*	92.6*	95.5*	98.6*	102*	106*
USSR <sup>c</sup> .....	50.3*	58.2*	61.1*	63.1*	65.2*	67.7*	70.7*	73.5*
Eastern Europe.....	25.2*	28.1*	28.7*	29.5*	30.3*	30.9*	31.8*	32.6*
Bulgaria.....	1.38*	1.96*	2.02*	2.07*	2.17*	2.22*	2.33*	2.41*
Czechoslovakia.....	4.11*	4.95*	5.13*	5.25*	5.34*	5.44*	5.54*	5.67*
East Germany.....	7.00*	7.15*	7.04*	6.95*	6.96*	6.97*	7.00*	7.00*
Hungary.....	2.61*	3.05*	3.14*	3.23*	3.35*	3.46*	3.49*	3.54*
Poland.....	6.99*	7.61*	7.77*	8.12*	8.44*	8.59*	8.96*	9.35*
Rumania.....	3.14*	3.41*	3.63*	3.86*	4.03*	4.19*	4.43*	4.63*
Far East								
Communist China <sup>d</sup> .....	39.0*	53.0	48.0	44.0	45.0	46.0	48.0	49.0
North Korea <sup>d</sup> .....	1.2	1.9	2.0	2.2	2.3	2.3	2.4	2.4
North Vietnam <sup>d</sup> .....	1.2	1.8	1.9	2.0	2.2	2.2	2.4	N.A.
Other								
Albania.....	0.17*	0.22*	0.22*	0.24*	0.26*	0.26*	0.28*	0.29*
Yugoslavia.....	2.97*	3.59*	3.73*	3.86*	4.00*	4.16*	4.32*	4.45*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data include the armed forces.

<sup>b</sup> Civilian employment. The data are annual averages of monthly data that exclude the armed forces.

<sup>c</sup> Excluding militarized security forces.

<sup>d</sup> Excluding the armed forces.

Table 29

United States: Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>									
Gross national product.....	Billion 1965 US \$.....	485.7*	540.9*	551.4*	587.5*	611.1*	643.2*	681.2*	718.4*
Index of industrial production..	1960=100.....	89*	100*	101*	109*	114*	122*	132*	144*
Total population (midyear)...	Million persons.....	165.9*	180.7*	183.8*	186.7*	189.4*	192.1*	194.6*	196.8*
Labor force * (mid-year).....	Million persons.....	68.9*	73.1*	74.2*	74.7*	75.7*	75.8*	77.2*	78.9*
<b>Fuels and power</b>									
Primary energy (coal equivalents <sup>b</sup> )	Million metric tons...	1,319*	1,429*	1,449*	1,508*	1,590*	1,658*	1,715*	1,810*
Electric power (gross).....	Billion kilowatt-hours.	668*	894*	933*	1,001*	1,075*	1,152*	1,230*	1,327*
Crude oil.....	Million metric tons...	336*	348*	354*	362*	372*	377*	385*	411*
<b>Minerals and metals</b>									
Crude steel <sup>c</sup> .....	Million metric tons...	106.2*	90.1*	88.9*	89.2*	99.1*	115.2*	119.0*	121.4*
Rolled steel.....	Million metric tons...	84.5*	69.4*	66.6*	68.0*	74.2*	85.1*	84.0*	N.A.*
Refined copper.....	Million metric tons...	1.44*	1.64*	1.66*	1.73*	1.72*	1.82*	1.96*	2.00*
Primary aluminum.....	Million metric tons...	1.42*	1.83*	1.73*	1.92*	2.10*	2.32*	2.50*	2.69*
<b>Agriculture</b>									
Grain <sup>d</sup> .....	Million metric tons...	154* <sup>e</sup>	181*	164*	163*	177*	164*	185*	183*
Meat <sup>f</sup> .....	Million metric tons...	12.2*	12.8*	13.0*	13.1*	13.9*	14.8*	14.3*	14.8*
<b>Manufactured items</b>									
Passenger automobiles <sup>g</sup> .....	Thousand units.....	7,920*	6,675*	5,543*	6,933*	7,638*	7,752*	9,306*	8,605*
Sulfuric acid.....	Million metric tons...	14.7*	16.2*	16.2*	17.9*	19.0*	20.8*	22.5*	24.7*
Mineral fertilizer (nutrients) <sup>h</sup>	Million metric tons...	5.94*	7.41*	8.11*	8.84*	9.93*	10.56*	11.93*	13.74*
Electron tubes <sup>i</sup> .....	Million units.....	491*	402*	384*	370*	404*	378*	406*	454*
Cement.....	Million metric tons...	53.0*	56.1*	56.7*	58.9*	61.6*	64.4*	65.1*	67.0*
Rayon and acetate fabrics...	Million linear meters...	1,763*	1,312*	1,340*	1,441*	1,579*	1,636*	1,632*	1,520*
Cotton fabrics.....	Million linear meters...	9,304*	8,564*	8,383*	8,456*	8,009*	8,354*	8,469*	8,107*
Radio receivers <sup>j</sup> .....	Million units.....	14.5*	18.0*	18.4*	20.5*	19.7*	20.7*	25.7*	25.3*
Television receivers.....	Million units.....	7.78*	5.83*	6.32*	6.91*	7.88*	9.57*	11.03*	12.40*
Metalcutting machine tools...	Thousand units.....	58.0*	42.9*	40.4*	47.5*	50.4*	58.7*	67.6*	78.7*
<b>Trade</b>									
Imports (f.o.b.).....	Billion US \$.....	11.5*	15.0*	14.7*	16.4*	17.1*	18.7*	21.4*	25.6*
Exports (f.o.b.) <sup>k</sup> .....	Billion US \$.....	15.4*	20.4*	20.7*	21.4*	23.1*	26.1*	27.1*	29.9*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including the armed forces and the unemployed.<sup>b</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>c</sup> Excluding steel for castings made in foundries operated by companies not producing ingots.<sup>d</sup> Data are for barley, corn (excluding silage and forage), oats, rice, rye, sorghum for grain, and wheat.<sup>e</sup> Annual average for 1955-59.<sup>f</sup> Data are carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, and goat.<sup>g</sup> Data are for factory sales and include complete units exported for assembly.<sup>h</sup> Data are for "fertilizer years"—that is, the year beginning 1 July of the stated year.<sup>i</sup> Producer sales of receiving tubes and monochrome picture tubes.<sup>j</sup> Data for radio-phonograph combinations are factory sales.<sup>k</sup> Including military grant-aid but excluding re-exports.

Table 30

European NATO: Summary of Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>									
Gross national product * b	Billion 1965 US \$	320*	400*	410*	430*	450*	480*	490*	510*
Total population b (midyear)	Million persons	264*	277*	280*	284*	288*	291*	294*	298*
<b>Fuels and power</b>									
Primary energy (coal equivalents c)	Million metric tons	574*	578*	576*	585*	595*	599*	583*	564*
Electric power (gross)	Billion kilowatt-hours	319*	464*	495*	541*	585*	633* b	672* b	705* b
Hard coal	Million metric tons	477*	437*	429*	433*	428*	431*	414*	387*
Brown coal and lignite	Million metric tons	95.9*	106*	108*	113*	119*	123*	115*	111*
Crude oil	Million metric tons	5.59*	12.0*	13.0*	13.8*	14.8*	16.5*	17.1*	16.9*
<b>Minerals and metals</b>									
Crude steel	Million metric tons	73.4*	98.6*	96.9*	95.2*	97.8*	111*	115*	112*
Iron ore	Million metric tons	89.4*	110*	109*	105*	94.0*	97.5* b	94.9* b	88.0* b
Pig iron and ferroalloys	Million metric tons	54.1*	70.9*	70.6*	68.5*	69.0*	79.5*	82.2*	79.1* b
Primary aluminum	Million metric tons	0.43*	0.69*	0.74*	0.80*	0.86*	0.94* b	1.01* b	1.10* b
Refined copper	Thousand metric tons	713*	830*	829*	843*	866*	928* b	982* b	954* b
<b>Agriculture</b>									
Grain d	Million metric tons	76.9* e	82.8*	78.8*	89.8*	90.1*	93.8*	96.2*	95.2*
Meat f	Million metric tons	9.64*	10.6*	11.1*	12.0*	11.9*	11.9*	12.2*	12.4*
Cattle (beginning of year)	Million head	72.0*	78.0*	80.1*	80.9*	81.3*	79.9*	81.1*	83.3*
Potatoes	Million metric tons	68.4*	71.1*	63.7*	66.7*	71.4*	60.8*	55.9*	56.3*
<b>Manufactured items</b>									
Passenger automobiles	Million units	2.44*	4.92*	4.64*	5.30*	6.63*	6.99* b	7.13* b	7.67* b
Tractors	Thousand units	375*	405*	421*	421*	436*	436*	456*	451*
Sulfuric acid	Million metric tons	10.3*	13.3*	13.4*	13.6*	14.3*	15.6* b	16.5* b	16.8* b
Mineral fertilizers * (nutrients)	Million metric tons	8.16*	10.8*	11.2*	11.4*	12.4*	13.4*	N.A.*	N.A.*
Radio receivers	Million units	7.41*	11.4*	12.8*	12.5*	12.4*	11.3*	11.0*	N.A.*
Television receivers	Million units	2.38*	6.20*	5.18*	5.45*	6.28*	7.26*	7.32*	N.A.*
Cement	Million metric tons	63.2*	82.7*	90.2*	95.7*	99.9*	115* b	115* b	120* b
<b>Transportation</b>									
Railroad freight traffic	Billion ton-kilometers	164*	174*	175*	177*	184*	185*	185*	181*

\* An asterisk indicates that the data are unclassified.

a Converted at US purchasing power equivalents.

b Including data for West Berlin.

c Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

d Data are for barley, corn, oats, rice, rye, and wheat where they are produced.

e Annual average for 1955-59.

f Data are carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, and horsemeat where they are produced.

\* Data are for "fertilizer years"—that is, in general, the year beginning 1 July of the stated year.

Table 31

France: Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>									
Gross national product <sup>a</sup> .....	Billion 1965 US \$.....	65.3*	82.4*	86.2*	91.9*	96.7*	102.4*	105.8*	111.1*
Index of industrial production.	1960=100.....	74*	100*	105*	111*	117*	126*	128*	136*
Total population (midyear) ..	Million persons.....	43.4*	45.7*	46.2*	47.0*	47.9*	48.4*	48.9*	49.4*
<b>Fuels and power</b>									
Primary energy (coal equivalents <sup>b</sup> ).	Million metric tons...	72.1*	86.2*	83.7*	83.7*	83.4*	84.6*	83.6*	83.5*
Electric power (gross).....	Billion kilowatt-hours.	51.5*	75.0*	79.6*	86.8*	91.8*	98.3*	105.5*	110.2*
Crude oil.....	Million metric tons...	0.90*	1.98*	2.16*	2.37*	2.52*	2.84*	2.99*	2.93*
<b>Minerals and metals</b>									
Crude steel.....	Million metric tons...	12.6*	17.3*	17.6*	17.2*	17.6*	19.8*	19.6*	19.6*
Rolled steel.....	Million metric tons...	9.7* <sup>c</sup>	13.7*	14.2*	13.6*	13.7*	15.6*	15.7*	N.A.*
Refined copper.....	Thousand metric tons.	19.3*	40.2*	34.4*	37.5*	33.7*	37.9*	41.1*	44.0*
Primary aluminum.....	Thousand metric tons.	129*	238*	280*	295*	298*	316*	340*	364*
<b>Agriculture</b>									
Grain <sup>d</sup> .....	Million metric tons...	19.4* <sup>e</sup>	22.8*	20.5*	24.7*	24.8*	25.6*	28.5*	25.8*
Meat <sup>f</sup> .....	Million metric tons...	2.47*	2.61*	2.73*	3.15*	3.08*	3.04*	3.23*	3.18*
<b>Manufactured items</b>									
Synthetic fibers.....	Thousand metric tons.	11.2*	45.3*	51.4*	65.4*	81.2*	92.6*	87.1*	106.0*
Passenger automobiles.....	Million units.....	0.55*	1.14*	1.03*	1.04*	1.48*	1.35*	1.37*	1.75*
Sulfuric acid.....	Million metric tons...	1.47*	2.05*	2.20*	2.27*	2.40*	2.70*	2.92*	3.07*
Mineral fertilizer (nutrients) <sup>g</sup> .	Million metric tons...	2.26*	3.02*	3.28*	3.25*	3.72*	4.01*	N.A.*	N.A.*
Radio receivers.....	Million units.....	1.23*	2.21*	2.54*	2.67*	2.84*	2.46*	2.30*	N.A.*
Television receivers.....	Million units.....	0.19*	0.66*	0.82*	0.99*	1.15*	1.33*	1.25*	N.A.*
Cement.....	Million metric tons...	10.8*	14.3*	15.7*	16.9*	18.1*	21.5*	22.4*	23.4*
<b>Trade</b>									
Imports (c.i.f.).....	Billion US \$.....	4.7* <sup>h</sup>	6.3*	6.7*	7.5*	8.7*	10.1*	10.3*	11.9*
Exports (f.o.b.).....	Billion US \$.....	4.9* <sup>h</sup>	6.9*	7.2*	7.4*	8.1*	9.0*	10.1*	10.9*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.<sup>b</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>c</sup> Including steel castings and forgings.<sup>d</sup> Data are for barley, corn, oats, rice, rye, and wheat.<sup>e</sup> Annual average for 1955-59.<sup>f</sup> Data are carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, and horsemeat.<sup>g</sup> Data are for "fertilizer years"—that is, the year beginning 1 July of the stated year.<sup>h</sup> Including data for the Saar.

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COUNTRY TABLES—FRANCE



Table 32

India: Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>									
Gross domestic product *	Billion 1965 US \$	36.1*	41.6*	44.6*	45.7*	46.5*	48.8*	52.5*	50.3*
Index of industrial production	1960=100	71*	100*	108*	118*	127*	136*	144*	147*
Total population (midyear)	Million persons	390.2*	432.7*	442.7*	453.4*	464.3*	475.5*	487.0*	498.8*
<b>Fuels and power</b>									
Electric power (gross)	Billion kilowatt-hours	10.9*	20.1* <sup>b</sup>	23.0* <sup>b</sup>	26.2* <sup>b</sup>	30.3* <sup>b</sup>	34.7*	38.3*	41.4*
Hard coal	Million metric tons	38.8*	52.6*	56.1*	61.4*	66.0*	62.4*	67.2*	69.9*
Crude oil	Million metric tons	0.35*	0.45*	0.51*	1.08*	1.65*	2.21*	3.02*	4.64*
<b>Minerals and metals</b>									
Crude steel	Million metric tons	1.73*	3.29*	4.08*	5.15*	5.95*	6.03* <sup>c</sup>	6.41* <sup>c</sup>	6.64* <sup>c</sup>
Iron ore <sup>d</sup>	Million metric tons	N.A.*	16.6*	18.7*	19.6*	20.6*	21.4*	23.4*	26.9*
Manganese ore	Million metric tons	1.61*	1.20*	1.23*	1.23*	1.10*	1.30*	1.50*	1.54* <sup>d</sup>
Pig iron and ferroalloys	Million metric tons	1.92*	4.26*	5.10*	5.92*	6.74*	6.74*	7.14*	7.21*
Primary aluminum	Thousand metric tons	7*	18*	18*	35*	55*	54*	60*	60*
Refined copper	Thousand metric tons	7.4*	8.9*	8.3*	9.8*	9.6*	9.4*	9.4*	9.4*
<b>Agriculture</b>									
Ginned cotton	Million metric tons	0.82*	1.01*	0.88*	1.07*	1.13*	1.07*	1.00*	1.09*
Rice <sup>e</sup> (rough, or paddy)	Million metric tons	43.4* <sup>f</sup>	51.3*	52.3*	47.9*	55.4*	58.6*	46.5*	55.0*
Sugar (raw value)	Million metric tons	1.76*	2.81*	3.09*	3.04*	2.50*	2.84*	3.49*	3.63*
Wheat	Million metric tons	9.04*	10.3*	11.0*	12.1*	10.8*	9.86*	12.3*	10.7*
<b>Manufactured items</b>									
Cotton fabrics <sup>g</sup>	Billion linear meters	6.28*	6.63*	7.07*	6.97*	7.30*	7.72*	7.64*	7.31*
Woolen fabrics	Million linear meters	12*	14*	13*	18*	20*	12* <sup>h</sup>	10* <sup>h</sup>	9* <sup>h</sup>
Passenger automobiles <sup>i</sup>	Thousand units	13.6*	24.6*	28.7*	30.9*	23.8*	33.6*	35.3*	36.7*
Sulfuric acid	Thousand metric tons	169*	354*	422*	469*	568*	679*	677*	603*
Cement	Million metric tons	4.56*	7.84*	8.25*	8.59*	9.36*	9.69*	10.6*	11.1*
<b>Trade</b>									
Imports (c.i.f.)	Billion US \$	1.41*	2.33*	2.28*	2.36*	2.48*	2.88*	2.91*	2.75*
Exports (f.o.b.)	Billion US \$	1.28*	1.33*	1.39*	1.40*	1.63*	1.75*	1.68*	1.61*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Based on gross domestic product data for 1960 that was moved forward with an index of current national income to 1965 prices and deflated by a similar index for constant national income. India does not publish gross national product data, and published series for gross domestic product do not extend beyond 1960. Data are for fiscal years ending 31 March of the stated year and are converted at the par value exchange rate of 4.7619 rupees to US \$1.

<sup>b</sup> Data are for the year beginning 1 April of the stated year.<sup>c</sup> Ingots only.<sup>d</sup> Including data for Goa.<sup>e</sup> Estimated from planted acreage.<sup>f</sup> Annual average for 1955-59.<sup>g</sup> Mill and decentralized sector production.<sup>h</sup> Mill production only.<sup>i</sup> Excluding production for the military.

Table 33

Italy: Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>									
Gross national products <sup>a</sup> .....	Billion 1965 US \$.....	38.4*	50.2*	54.2*	57.5*	60.7*	62.3*	64.5*	67.7*
Index of industrial production....	1960=100.....	64*	100*	112*	123*	132*	134*	140*	156*
Total population (midyear).....	Million persons.....	48.2*	49.6*	49.9*	50.2*	50.6*	51.1*	51.6*	51.9*
<b>Fuels and power</b>									
Primary energy (coal equivalents <sup>b</sup> )..	Million metric tons.....	23.4*	37.7*	37.6*	36.4*	40.2*	39.1*	39.0*	42.3*
Electric power (gross).....	Billion kilowatt-hours.....	38.1*	56.2*	60.6*	64.9*	71.3*	76.9*	79.2*	86.9*
Crude oil.....	Million metric tons.....	0.20*	2.00*	1.97*	1.82*	1.78*	2.66*	2.23*	1.81*
<b>Minerals and metals</b>									
Crude steel.....	Million metric tons.....	5.4*	8.2*	9.1*	9.8*	10.2*	9.8*	12.7*	13.7*
Rolled steel.....	Million metric tons.....	4.5* <sup>c</sup>	7.8*	8.3*	8.6*	9.0*	9.0*	10.6*	N.A.*
Refined copper.....	Thousand metric tons.....	26.9*	15.6*	14.0*	12.0*	13.0*	11.7*	12.7*	12.2*
Primary aluminum.....	Thousand metric tons.....	61.7*	83.6*	83.4*	82.9*	91.4*	115.5*	124.1*	127.1*
<b>Agriculture</b>									
Grain <sup>d</sup> .....	Million metric tons.....	14.2* <sup>e</sup>	12.0*	13.9*	14.4*	13.0*	14.0*	14.5*	14.5*
Meat <sup>f</sup> .....	Million metric tons.....	0.83*	1.10*	1.23*	1.26*	1.10*	1.12*	1.09*	1.19*
<b>Manufactured items</b>									
Synthetic fibers.....	Thousand metric tons.....	8.5*	33.7*	42.8*	63.3*	77.6*	100.2*	105.4*	143.2*
Passenger automobiles <sup>g</sup> .....	Million units.....	0.23*	0.60*	0.69*	0.88*	1.11*	1.03*	1.10*	1.28*
Radio receivers.....	Million units.....	0.71*	0.94*	1.40*	1.53*	1.55*	0.78*	1.20*	N.A.*
Television receivers.....	Million units.....	0.09*	0.73*	0.86*	0.78*	0.98*	0.81*	1.04*	N.A.*
Sulfuric acid.....	Million metric tons.....	1.94*	2.30*	2.45*	2.55*	2.71*	2.89*	2.96*	3.35*
Mineral fertilizer (nutrients) <sup>h</sup> .....	Million metric tons.....	0.80*	1.11*	1.20*	1.27*	1.36*	1.46*	N.A.*	N.A.*
Cement.....	Million metric tons.....	10.8*	16.0*	18.0*	20.2*	22.1*	22.8*	20.2*	22.4*
<b>Trade</b>									
Imports (c.i.f.).....	Billion US \$.....	2.71*	4.72*	5.22*	6.08*	7.59*	7.25*	7.35*	8.57*
Exports (f.o.b.).....	Billion US \$.....	1.86*	3.65*	4.18*	4.67*	5.05*	5.96*	7.21*	8.04*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.<sup>b</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>c</sup> Including steel castings and forgings.<sup>d</sup> Data are for barley, corn, oats, rice, rye, and wheat.<sup>e</sup> Annual average for 1955-59.<sup>f</sup> Data are carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, and horsemeat.<sup>g</sup> Excluding production for the military.<sup>h</sup> Data are for "fertilizer years"—that is, the year beginning 1 July of the stated year.

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COUNTRY TABLES—ITALY

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Table 37

USSR: Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>									
Gross national product <sup>a</sup> .....	Billion 1965 US \$.....	184.4	245.4	261.5	270.7	275.5	296.2	311.6	336.2
Index of industrial production. 1960=100.....		67	100	107	115	122	129	137	147
Total population (midyear)...	Million persons.....	196.1*	214.2*	217.9*	221.4*	224.7*	227.8*	230.5*	233.2*
Labor force <sup>b</sup> .....	Million persons.....	101.4*	109.4*	111.0*	112.5*	114.5*	116.9*	119.6*	121.7*
<b>Fuels and power</b>									
Primary energy (coal equivalents <sup>c</sup> )	Million metric tons...	436*	667*	711*	770*	830*	893*	959*	1,018
Electric power (gross).....	Billion kilowatt-hours.	170*	292*	328*	369*	412*	459*	507*	545*
Hard coal.....	Million metric tons...	277*	375*	377*	386*	395*	409*	428*	434*
Crude oil.....	Million metric tons...	70.8*	143*	166*	186*	206*	224*	243*	265*
Natural gas <sup>d</sup> .....	Billion cubic meters...	8.98*	45.3*	59.0*	73.5*	89.8*	109*	128*	143*
<b>Minerals and metals</b>									
Crude steel.....	Million metric tons...	45.3*	65.3*	70.8*	76.3*	80.2*	85.0*	91.0*	96.9*
Rolled steel.....	Million metric tons...	35.3*	51.0*	55.3*	59.3*	62.5*	66.7*	70.9*	76.6*
Pig iron.....	Million metric tons...	33.3*	46.8*	50.9*	55.3*	58.7*	62.4*	66.2*	70.3*
Iron ore.....	Million metric tons...	71.9*	106*	118*	123*	138*	146*	153*	160*
Refined copper.....	Thousand metric tons.	377*	490*	530*	590*	640*	700*	770*	825*
Primary aluminum.....	Thousand metric tons.	430*	630	700	770	855	945	1,025	1,160
Lead.....	Thousand metric tons.	258*	324*	343*	364*	385*	408*	433*	463*
<b>Agriculture</b>									
Grain <sup>e</sup> .....	Million metric tons...	104* <sup>f</sup>	93*	110*	109*	92*	120*	100*	135 to 140*
Cattle (beginning of year)...	Million head.....	56.7*	74.2*	75.8*	82.1*	87.0*	85.4*	87.2*	93.4*
Meat <sup>g</sup> .....	Million metric tons...	5.69*	7.38*	7.40*	8.14*	8.87*	7.30*	8.80*	9.50*
Milk.....	Million metric tons...	40.8*	55.5*	56.3*	58.1*	56.3*	59.5*	68.2*	71.2*
Fish catch.....	Million metric tons...	2.74*	3.54*	3.72*	4.17*	4.68*	5.17*	5.77*	6.05*
<b>Manufactured items</b>									
Passenger automobiles.....	Thousand units.....	108*	139*	149*	166*	173*	185*	201*	230*
Sulfuric acid.....	Million metric tons...	3.80*	5.40*	5.72*	6.13*	6.88*	7.65*	8.52*	9.37*
Synthetic ammonia (nitrogen content).....	Million metric tons...	0.62	1.07	1.28	1.56	1.94	2.21	2.85	3.28
Mineral fertilizer (nutrients)...	Million metric tons...	2.30*	3.28*	3.59*	4.08*	4.65*	6.01*	7.39*	8.40*
Metalcutting machine tools...	Thousand units.....	117*	156*	166*	177*	183*	184*	186*	191*
Tractors.....	Thousand units.....	163*	233*	264*	287*	325*	329*	354*	382*
<b>Transportation and trade</b>									
Railroad freight traffic.....	Billion ton-kilometers.	971*	1,504*	1,567*	1,646*	1,749*	1,854*	1,950*	2,016*
Motor vehicle freight traffic...	Billion ton-kilometers.	42.6*	98.5*	106*	112*	120*	132*	143*	154*
Imports (f.o.b.).....	Billion US \$.....	3.06*	5.63*	5.83*	6.46*	7.06*	7.74*	8.05*	7.91*
Exports (f.o.b.).....	Billion US \$.....	3.43*	5.56*	6.00*	7.03*	7.27*	7.68*	8.17*	8.84*

<sup>a</sup> An asterisk indicates that the data are unclassified.<sup>b</sup> Converted at US purchasing power equivalents.<sup>c</sup> Average annual employment. Data include the armed forces and the unemployed but exclude militarized security forces.<sup>d</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>e</sup> Gross production less losses and waste. Data include only nonassociated

gas from natural gas wells and associated gas from petroleum fields.

<sup>f</sup> Data are for barley, corn, oats, rice, rye, wheat, and miscellaneous grains including pulses.<sup>g</sup> Annual average for 1955-59.<sup>h</sup> Data are carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, slaughter fats, poultry, and edible offal.

Table 38

Eastern Europe: Summary of Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>									
Gross national product <sup>a</sup> .....	Billion 1965 US \$.....	71.9*	92.4*	97.6*	99.5*	102*	107*	112*	118*
Total population (midyear).....	Million persons.....	92.8*	96.5*	97.2*	97.8*	98.6*	99.4*	100*	101*
<b>Fuels and power</b>									
Primary energy (coal equivalents <sup>b</sup> ).....	Million metric tons.....	231	275	287	300	312*	323*	325*	330
Electric power (gross).....	Billion kilowatt-hours.....	73.3*	114*	124*	134*	143*	157*	170*	185*
Hard coal.....	Million metric tons.....	124*	141*	144*	148*	154*	158*	160*	162*
Brown coal and lignite.....	Million metric tons.....	278*	336*	358*	376*	394*	408*	404*	403*
Crude oil.....	Million metric tons.....	12.6*	13.2*	13.6*	14.1*	14.6*	14.9*	15.2*	15.6
<b>Minerals and metals</b>									
Crude steel.....	Million metric tons.....	14.3*	21.2*	22.8*	24.7*	25.3*	27.3*	28.7*	30.6*
Iron ore.....	Million metric tons.....	6.95*	9.34*	10.1*	10.6*	11.4*	10.6*	12.1*	12.8*
Pig iron and ferroalloys.....	Million metric tons.....	8.86*	13.4*	14.0*	15.3*	15.8*	17.1*	17.9*	18.9*
Primary aluminum.....	Thousand metric tons.....	108	163*	187*	190*	193*	206	206	267
Refined copper.....	Thousand metric tons.....	64.6 *	97.2	102	110	122*	131*	134*	138*
<b>Agriculture</b>									
Grain <sup>d</sup> .....	Million metric tons.....	41.3 *	43.9	44.0	43.2	43.5	44.6	48.5	51.2
Meat <sup>e</sup> .....	Million metric tons.....	2.79	3.38	3.61	3.60	3.45	3.68	4.00	4.08
Cattle (beginning of year).....	Million head.....	24.1*	25.2*	26.2*	26.9*	26.9*	27.0*	27.3*	27.9*
Potatoes.....	Million metric tons.....	51.6	61.4	61.8	57.9	65.8	69.5	60.1	68.3
<b>Manufactured items</b>									
Passenger automobiles.....	Thousand units.....	38.7*	136*	148*	159*	166*	162*	214*	240*
Tractors.....	Thousand units.....	36.7*	69.0*	73.5*	82.4*	78.9*	87.5*	86.5*	90.6*
Sulfuric acid.....	Million metric tons.....	1.68*	2.50*	2.85*	3.15*	3.43*	3.88*	4.23*	4.46
Mineral fertilizers (nutrients).....	Million metric tons.....	2.38*	3.14*	3.28*	3.53*	3.77*	4.08*	4.52*	4.89
Radio receivers.....	Million units.....	1.82*	2.20*	2.20*	2.70*	2.15*	1.89*	2.41*	2.61*
Television receivers.....	Million units.....	0.06*	0.99*	1.14*	1.33*	1.53*	1.62*	1.69*	1.77*
Cement.....	Million metric tons.....	13.6*	22.9*	24.6*	25.8*	26.7*	29.6*	31.8*	34.0*
<b>Transportation</b>									
Railroad freight traffic.....	Billion ton-kilometers.....	136*	187*	199*	209*	214*	230*	236*	243*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.<sup>b</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>c</sup> Bulgarian data for 1955 are excluded from the total because they refer to blister copper rather than refined metal.<sup>d</sup> Data are for barley, corn, oats, rice, rye, and wheat where they are produced.<sup>e</sup> Annual average for 1955-59.<sup>f</sup> Data are carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, and horsemeat.

Table 39

Bulgaria: Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>									
Gross national product <sup>a</sup> .....	Billion 1965 US \$.....	3.5*	5.0*	5.3*	5.8*	6.1*	6.5*	6.8*	7.4*
Index of industrial production....	1960=100.....	52*	100*	109*	122*	133*	145*	162*	179*
Total population (midyear).....	Million persons.....	7.5*	7.9*	7.9*	8.0*	8.1*	8.1*	8.2*	8.3*
Labor force <sup>b</sup> (midyear).....	Million persons.....	4.11*	4.27*	4.31*	4.34*	4.38*	4.42*	4.46*	4.51*
<b>Fuels and power</b>									
Primary energy (coal equivalents <sup>c</sup> )	Million metric tons.....	4.5*	7.7*	8.0*	8.2*	8.7*	9.0*	9.4*	9.4
Electric power (gross).....	Billion kilowatt-hours.....	2.07*	4.66*	5.41*	6.04*	7.18*	8.70*	10.2*	11.7*
Brown coal and lignite.....	Million metric tons.....	9.1*	15.4*	17.0*	19.1*	20.3*	23.8*	24.5*	24.7*
<b>Minerals and metals</b>									
Crude steel <sup>d</sup> .....	Million metric tons.....	0.12*	0.30*	0.39*	0.48*	0.52*	0.54*	0.65*	0.76*
Rolled steel.....	Million metric tons.....	0.07*	0.19*	0.27*	0.33*	0.35*	0.36*	0.43*	0.48*
Refined copper.....	Thousand metric tons.....	3.8* <sup>e</sup>	14.0*	15.0*	18.3*	20.0*	20.6*	23.6*	24.0*
Lead.....	Thousand metric tons.....	5.1*	40.4*	40.9*	43.7*	51.0*	87.0*	87.8*	87.8*
<b>Agriculture</b>									
Grain <sup>f</sup> .....	Million metric tons.....	3.59 *	4.04	3.78	3.82	3.86	4.46	4.58	5.74
Ginned cotton.....	Thousand metric tons.....	20.4*	21.1*	7.9*	16.1*	13.1*	14.2*	12.6*	21.8
Wool (grease basis).....	Thousand metric tons.....	14.4*	21.0*	23.1*	22.8*	23.7*	25.4*	25.8*	25.8
Potatoes.....	Million metric tons.....	0.36*	0.48*	0.44*	0.36*	0.41*	0.50*	0.28*	0.42*
Cattle (beginning of year).....	Million head.....	1.61*	1.28*	1.45*	1.58*	1.58*	1.49*	1.47*	1.45*
Hogs (beginning of year).....	Million head.....	1.32*	2.27*	2.55*	2.33*	2.07*	2.10*	2.61*	2.41*
Meat <sup>h</sup> .....	Thousand metric tons.....	155	174	204	223	209	231	278	288
<b>Manufactured items</b>									
Mineral fertilizer (nutrients).....	Thousand metric tons.....	31*	124*	143*	164*	172*	296*	340*	389
Sulfuric acid.....	Thousand metric tons.....	19*	123*	192*	247*	269*	291*	318*	353*
Soda ash.....	Thousand metric tons.....	71*	128*	123*	171*	198*	216*	223*	226*
Cement.....	Million metric tons.....	0.81*	1.59*	1.75*	1.89*	2.20*	2.59*	2.68*	2.85*
<b>Transportation and trade</b>									
Railroad freight traffic.....	Billion ton-kilometers.....	4.12*	6.98*	7.45*	7.88*	8.57*	9.97*	10.8*	11.5*
Motor vehicle freight traffic.....	Billion ton-kilometers.....	0.74*	2.04*	2.32*	2.64*	2.72*	2.90*	3.80*	4.54*
Imports (f.o.b.).....	Billion US \$.....	0.25*	0.63*	0.67*	0.78*	0.93*	1.06*	1.18*	1.47*
Exports (f.o.b.).....	Billion US \$.....	0.24*	0.57*	0.66*	0.77*	0.83*	0.98*	1.18*	1.31*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.<sup>b</sup> Including the armed forces and the unemployed.<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>d</sup> Including an estimate for steel castings.<sup>e</sup> Blister copper.<sup>f</sup> Data are for barley, corn, oats, rice, rye, and wheat.<sup>g</sup> Annual average for 1955-59.<sup>h</sup> Data are carcass weight, bone-in basis, and are for beef, veal, pork, and mutton.

Table 40

Czechoslovakia: Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>									
Gross national product <sup>a</sup> .....	Billion 1965 US \$.....	15.0*	20.6*	21.5*	21.8*	21.5*	21.7*	22.1*	23.1*
Index of industrial production....	1960=100.....	64*	100*	106*	111*	108*	110*	116*	122*
Total population (midyear).....	Million persons.....	13.1*	13.7*	13.8*	13.9*	14.0*	14.1*	14.2*	14.2*
Labor force <sup>b</sup> (midyear).....	Million persons.....	6.30*	6.61*	6.68*	6.76*	6.84*	6.91*	6.97*	7.04*
<b>Fuels and power</b>									
Primary energy (coal equivalents <sup>c</sup> )	Million metric tons.....	36.5*	50.9*	54.3*	57.1*	59.2*	60.1*	59.3*	58.8
Electric power (gross).....	Billion kilowatt-hours.....	15.0*	24.4*	27.0*	28.7*	29.9*	32.0*	34.2*	36.5*
Brown coal and lignite.....	Million metric tons.....	40.4*	57.9*	64.6*	68.8*	72.4*	74.5*	72.3*	72.4*
Natural gas.....	Billion cubic meters.....	0.17*	1.29*	1.26*	1.07*	1.00*	0.84*	0.76*	0.70
<b>Minerals and metals</b>									
Crude steel.....	Million metric tons.....	4.47*	6.77*	7.04*	7.64*	7.60*	8.38*	8.60*	9.13*
Rolled steel.....	Million metric tons.....	3.37*	5.11*	5.41*	5.83*	5.84*	6.46*	6.99*	7.37*
Pig iron.....	Million metric tons.....	2.98*	4.70*	4.97*	5.18*	5.25*	5.72*	5.87*	6.24*
Iron ore.....	Million metric tons.....	2.49*	3.12*	3.29*	3.48*	3.41*	2.85*	2.57*	2.26*
Manganese ore.....	Thousand metric tons.....	260*	154*	101*	83*	85*	84*	80*	94*
Primary aluminum.....	Thousand metric tons.....	24*	52*	53*	54*	56*	56*	56*	60*
<b>Agriculture</b>									
Grain <sup>d</sup> .....	Million metric tons.....	5.21* *	5.74*	5.66*	5.69*	5.64*	5.26*	5.23*	5.98
Potatoes.....	Million metric tons.....	7.91*	5.09*	5.33*	5.00*	6.51*	7.66*	3.68*	5.70*
Cattle (beginning of year).....	Million head.....	4.04*	4.30*	4.39*	4.52*	4.51*	4.48*	4.44*	4.39*
Hogs (beginning of year).....	Million head.....	4.77*	5.69*	5.96*	5.90*	5.90*	5.84*	6.14*	5.54*
Meat <sup>e</sup> .....	Thousand metric tons.....	402	483	499	514	512	549	599	586
<b>Manufactured items</b>									
Electric motors <sup>f</sup> .....	Million kilowatts.....	1.18*	2.95*	3.40*	3.52*	3.90*	3.86*	4.58*	N.A.
Electric generators <sup>g</sup> .....	Million kilowatts.....	0.96*	1.39*	1.54*	1.34*	1.17*	1.32*	0.91*	N.A.
Television receivers.....	Thousand units.....	17*	263*	334*	307*	235*	240*	257*	288*
Metalcutting machine tools.....	Thousand units.....	18.5*	30.2*	31.3*	33.5*	27.2*	21.7*	24.3*	27.8*
Metallurgical equipment.....	Thousand metric tons.....	41.7*	105*	126*	134*	118*	125*	117*	115*
Chemical equipment.....	Thousand metric tons.....	31	57*	91*	95*	91*	86*	82*	90
Tractors.....	Thousand units.....	12.6*	32.5*	27.8*	31.5*	28.4*	29.7*	30.5*	28.2*
Passenger automobiles.....	Thousand units.....	12.5*	56.2*	58.8*	64.3*	56.5*	42.1*	77.7*	92.7*
Cement.....	Million metric tons.....	2.89*	5.05*	5.34*	5.71*	5.18*	5.49*	5.71*	6.15*
<b>Transportation and trade</b>									
Railroad freight traffic.....	Billion ton-kilometers.....	31.7*	47.4*	50.7*	52.2*	51.7*	55.4*	56.9*	57.5*
Motor vehicle freight traffic.....	Billion ton-kilometers.....	2.72*	5.11*	5.67*	6.06*	6.32*	6.62*	6.98*	7.33*
Imports (f.o.b.).....	Billion US \$.....	1.05*	1.82*	2.02*	2.07*	2.16*	2.43*	2.67*	2.74*
Exports (f.o.b.).....	Billion US \$.....	1.17*	1.93*	2.05*	2.19*	2.46*	2.58*	2.69*	2.85*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.<sup>b</sup> Including the armed forces and the unemployed.<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>d</sup> Data are for barley, corn, oats, rye, and wheat.

\* Annual average for 1955-59.

<sup>e</sup> Data are carcass weight, bone-in basis, and are for beef, veal, pork, and mutton.<sup>f</sup> Alternating current motors of 0.25 kilowatt and over.<sup>g</sup> Generators for steam and gas turbines only.

Table 41

East Germany: Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>									
Gross national product <sup>a</sup> .....	Billion 1965 US \$.....	17.9*	22.7*	23.4*	24.1*	24.6*	25.6*	26.6*	27.5*
Index of industrial production....	1960=100.....	71*	100*	104*	109*	113*	117*	122*	126*
Total population (midyear).....	Million persons.....	17.8*	17.0*	16.9*	16.9*	16.9*	17.0*	17.0*	17.1*
Labor force <sup>b</sup> (midyear).....	Million persons.....	8.74*	8.58*	8.45*	8.38*	8.38*	8.39*	8.43*	8.42*
<b>Fuels and power</b>									
Primary energy (coal equivalents <sup>c</sup> )	Million metric tons.....	65.6	73.6	77.2	80.2	82.4*	83.2*	81.7*	80.7
Electric power (gross).....	Billion kilowatt-hours.....	28.7*	40.3*	42.5*	45.1*	47.4*	51.0*	53.6*	56.4*
Brown coal and lignite.....	Million metric tons.....	201*	226*	237*	247*	254*	257*	251*	249*
<b>Minerals and metals</b>									
Crude steel.....	Million metric tons.....	2.84*	3.79*	3.91*	4.09*	4.09*	4.39*	4.39*	4.54*
Rolled steel.....	Million metric tons.....	1.88*	2.61*	2.70*	2.80*	2.81*	2.90*	2.99*	2.59*
Iron ore.....	Million metric tons.....	1.66*	1.64*	1.64*	1.64*	1.66*	1.63*	1.63*	1.65*
Refined copper.....	Thousand metric tons.....	33.3	39.2	38.8	39.5	40.0*	40.0*	40.0*	40.2*
<b>Agriculture</b>									
Grain <sup>d</sup> .....	Million metric tons.....	4.93 <sup>e</sup>	5.60	4.80	5.34	5.03	5.42	5.99	5.37
Cattle <sup>f</sup> .....	Million head.....	3.76* <sup>g</sup>	4.46* <sup>g</sup>	4.68* <sup>h</sup>	4.55*	4.51*	4.61*	4.68*	4.76*
Hogs <sup>i</sup> .....	Million head.....	9.03* <sup>g</sup>	8.28* <sup>g</sup>	8.32* <sup>g</sup>	8.86*	8.04*	9.29*	8.76*	8.88*
Meat <sup>j</sup> .....	Thousand metric tons.....	667	730	755	649	715	806	861	898
Fish catch.....	Thousand metric tons.....	69.0*	114*	130*	150*	185*	219*	229*	N.A.
<b>Manufactured items</b>									
Sulfuric acid.....	Thousand metric tons.....	592*	730*	819*	861*	919*	937*	985*	970
Synthetic ammonia (nitrogen content)	Thousand metric tons.....	335*	392*	396*	404*	412*	418*	439*	460
Mineral fertilizer (nutrients).....	Million metric tons.....	1.85*	2.08*	2.09*	2.18*	2.29*	2.30*	2.41*	2.45
Passenger automobiles.....	Thousand units.....	22.2*	64.1*	69.6*	72.2*	84.3*	93.1*	103*	112*
Cement.....	Million metric tons.....	2.97*	5.03*	5.28*	5.43*	5.46*	5.77*	6.09*	6.45*
<b>Transportation and trade</b>									
Railroad freight traffic.....	Billion ton-kilometers.....	25.2*	32.9*	34.7*	37.4*	37.6*	39.1*	38.9*	38.6*
Motor vehicle freight traffic.....	Billion ton-kilometers.....	3.19*	4.98*	5.27*	5.65*	6.20*	6.65*	7.21*	7.78*
Imports (f.o.b.).....	Billion US \$.....	1.17*	2.19*	2.24*	2.40*	2.33*	2.63*	2.80*	3.19*
Exports (f.o.b.).....	Billion US \$.....	1.28*	2.21*	2.28*	2.38*	2.71*	2.93*	3.07*	3.24*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.<sup>b</sup> Including the armed forces and the unemployed.<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>d</sup> Data are for barley, oats, rye, wheat, and miscellaneous grains.<sup>e</sup> Annual average for 1955-59.<sup>f</sup> Unless otherwise indicated, data are as of 30 November of the previous year.<sup>g</sup> Data are as of 3 December of the previous year.<sup>h</sup> Data are as of 28 December of the previous year.<sup>i</sup> Data are carcass weight, bone-in basis, and are for beef, veal, pork, and mutton.



Table 42

Hungary: Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>									
Gross national product <sup>a</sup> .....	Billion 1965 US \$.....	7.3*	9.0*	9.3*	9.9*	10.4*	11.1*	11.1*	11.6*
Index of industrial production....	1960=100.....	77*	100*	110*	119*	127*	138*	144*	152*
Total population (midyear).....	Million persons.....	9.8*	10.0*	10.0*	10.1*	10.1*	10.1*	10.1*	10.2*
Labor force <sup>b</sup> (midyear).....	Million persons.....	4.62*	4.89*	4.90*	4.93*	4.96*	4.98*	5.01*	5.04*
<b>Fuels and power</b>									
Primary energy (coal equivalents <sup>c</sup> ).....	Million metric tons.....	13.9*	14.8*	15.8*	16.2*	17.4*	18.0*	18.3*	18.3*
Electric power (gross).....	Billion kilowatt-hours.....	5.43*	7.62*	8.38*	9.12*	9.66*	10.6*	11.2*	11.9*
Crude oil.....	Million metric tons.....	1.60*	1.22*	1.46*	1.64*	1.76*	1.80*	1.80*	1.70*
Brown coal and lignite.....	Million metric tons.....	19.6*	23.7*	25.1*	25.3*	26.8*	27.4*	27.1*	26.0*
Natural gas.....	Billion cubic meters.....	0.54*	0.34*	0.32*	0.34*	0.61*	0.78*	1.11*	1.55*
<b>Minerals and metals</b>									
Crude steel.....	Million metric tons.....	1.63*	1.89*	2.05*	2.33*	2.37*	2.36*	2.52*	2.65*
Rolled steel.....	Million metric tons.....	0.88*	1.23*	1.45*	1.61*	1.63*	1.65*	1.72*	1.74*
Manganese ore.....	Thousand metric tons.....	130*	123*	125*	129*	152*	171*	213*	207*
Primary aluminum.....	Thousand metric tons.....	37*	50*	51*	53*	55*	57*	58*	60*
Bauxite.....	Million metric tons.....	1.24*	1.19*	1.37*	1.47*	1.36*	1.48*	1.48*	1.43*
<b>Agriculture</b>									
Grain <sup>d</sup> .....	Million metric tons.....	6.37*	6.86*	6.11*	6.73*	6.31*	6.75*	7.28*	7.35
Potatoes.....	Million metric tons.....	2.47*	2.66*	1.63*	1.88*	2.03*	1.65*	1.48*	2.43*
Cattle <sup>e</sup> .....	Million head.....	2.13*	1.97*	1.96*	1.99*	1.91*	1.88*	1.96*	1.97*
Hogs <sup>f</sup> .....	Million head.....	5.82*	5.36*	5.92*	6.41*	5.43*	6.36*	6.96*	5.80*
Meat <sup>g</sup> .....	Thousand metric tons.....	314	430*	448*	460*	456*	433*	466*	457
<b>Manufactured items</b>									
Woven cotton fabrics <sup>h</sup> .....	Million square meters.....	234*	239*	255*	272*	283*	304*	324*	325*
Sulfuric acid.....	Thousand metric tons.....	144*	178*	200*	224*	283*	340*	394*	393
Mineral fertilizer (nutrients).....	Thousand metric tons.....	41*	102*	124*	146*	168*	192*	265*	295
Tractors.....	Thousand units.....	4.7*	2.6*	2.5*	2.6*	3.1*	3.0*	3.0*	3.3*
Cement.....	Million metric tons.....	1.18*	1.57*	1.60*	1.73*	1.80*	2.26*	2.38*	2.60*
<b>Transportation and trade</b>									
Railroad freight traffic <sup>i</sup> .....	Billion ton-kilometers.....	8.8*	13.3*	13.9*	14.6*	15.4*	17.0*	17.3*	17.9*
Motor vehicle freight traffic.....	Billion ton-kilometers.....	0.95*	1.58*	1.69*	1.85*	2.18*	2.40*	2.63*	2.98*
Imports (c.i.f.).....	Billion US \$.....	0.55*	0.98*	1.03*	1.15*	1.31*	1.49*	1.52*	1.57*
Exports (f.o.b.).....	Billion US \$.....	0.60*	0.87*	1.03*	1.10*	1.21*	1.35*	1.51*	1.59*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.<sup>b</sup> Including the armed forces and the unemployed.<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>d</sup> Data are for barley, corn, oats, rice, rye, and wheat.<sup>e</sup> Annual average for 1955-59.<sup>f</sup> Data are as of 1 March of the stated year.<sup>g</sup> Data are carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, and horsemeat, and include live exports.<sup>h</sup> Fabrics after undergoing finishing processes.<sup>i</sup> Including performance by railroads owned jointly by Hungary and Austria.

Table 43

Poland: Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>									
Gross national product <sup>a</sup> .....	Billion 1965 US \$.....	18.8*	23.9*	26.1*	25.8*	27.3*	28.8*	30.8*	32.3*
Index of industrial production.....	1960=100.....	68*	100*	110*	113*	125*	137*	151*	161*
Total population (midyear).....	Million persons.....	27.2*	29.6*	30.0*	30.3*	30.7*	31.2*	31.5*	31.7*
Labor force <sup>b</sup> (midyear).....	Million persons.....	13.6*	14.2*	14.3*	14.5*	14.7*	15.0*	15.2*	15.6*
Fuels and power									
Primary energy (coal equivalents <sup>c</sup> ).....	Million metric tons.....	83.8*	93.5*	95.8*	98.8*	103*	109*	111*	114
Electric power (gross).....	Billion kilowatt-hours.....	17.8*	29.3*	32.2*	35.4*	37.0*	40.6*	43.8*	47.4*
Hard coal.....	Million metric tons.....	94.5*	104*	107*	110*	113*	117*	119*	122*
Natural gas.....	Billion cubic meters.....	0.39*	0.54*	0.72*	0.79*	0.94*	1.18*	1.28*	1.30
Metallurgical coke.....	Million metric tons.....	6.13*	7.71*	7.52*	7.92*	8.36*	8.40*	8.93*	9.11*
<b>Minerals and metals</b>									
Crude steel.....	Million metric tons.....	4.43*	6.68*	7.23*	7.68*	8.00*	8.57*	9.09*	9.85*
Rolled steel.....	Million metric tons.....	2.92*	4.42*	4.82*	5.24*	5.46*	5.71*	6.13*	7.12*
Pig iron.....	Million metric tons.....	2.92*	4.25*	4.43*	4.93*	4.99*	5.27*	5.36*	5.52*
Iron ore.....	Million metric tons.....	1.70*	2.18*	2.39*	2.44*	2.61*	2.68*	2.86*	3.05*
Primary aluminum.....	Thousand metric tons.....	20*	26*	48*	48*	47*	48*	47*	55*
Lead.....	Thousand metric tons.....	34.2*	39.7*	39.8*	40.7*	38.9*	41.5*	41.4*	43.5*
Refined zinc.....	Thousand metric tons.....	156*	176*	182*	181*	181*	187*	190*	193*
<b>Agriculture</b>									
Grain <sup>d</sup> .....	Million metric tons.....	13.2*	13.1	14.3	13.0	13.5	13.0	14.8	14.7
Potatoes.....	Million metric tons.....	27.0*	36.0	43.4	36.1	42.6	45.5	40.9	44.3
Cattle <sup>e</sup> .....	Million head.....	7.91*	8.70*	9.17*	9.59*	9.84*	9.94*	9.95*	10.4*
Hogs <sup>f</sup> .....	Million head.....	10.9*	12.6*	13.4*	13.6*	11.6*	12.9*	13.8*	14.2*
Meat <sup>g</sup> .....	Million metric tons.....	0.89	1.15	1.28	1.28	1.19	1.23	1.33	1.38
Fish catch <sup>h</sup> .....	Thousand metric tons.....	107*	168*	169*	164*	210*	244*	280*	314*
<b>Manufactured items</b>									
Woven woolen fabrics <sup>i</sup> .....	Million linear meters.....	76*	79*	78*	83*	84*	90*	91*	91*
Sulfuric acid.....	Million metric tons.....	0.45*	0.68*	0.79*	0.85*	0.89*	1.00*	1.06*	1.14*
Mineral fertilizer (nutrients).....	Thousand metric tons.....	286*	477*	517*	573*	600*	673*	739*	829*
Tractors.....	Thousand units.....	8.1*	7.7*	10.6*	12.6*	17.0*	19.2*	21.5*	24.6*
Trucks and buses.....	Thousand units.....	12.5*	24.0*	24.5*	28.7*	34.2*	34.3*	34.1*	37.8*
Cement.....	Million metric tons.....	3.81*	6.60*	7.36*	7.54*	7.67*	8.76*	9.57*	10.0*
<b>Transportation and trade</b>									
Railroad freight traffic.....	Billion ton-kilometers.....	52.0*	66.5*	69.7*	72.7*	74.4*	79.1*	81.0*	84.0*
Motor vehicle freight traffic.....	Billion ton-kilometers.....	3.70*	2.06*	2.27*	2.63*	3.05*	3.36*	3.68*	4.49*
Imports (f.o.b.).....	Billion US \$.....	0.93*	1.49*	1.69*	1.89*	1.98*	2.07*	2.34*	2.49*
Exports (f.o.b.).....	Billion US \$.....	0.92*	1.33*	1.50*	1.65*	1.77*	2.10*	2.23*	2.27*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Including the armed forces and the unemployed.

<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>d</sup> Data are for barley, oats, rye, and wheat.

<sup>e</sup> Annual average for 1955-59.

<sup>f</sup> Data are as of 30 June of the stated year.

<sup>g</sup> Data are carcass weight, bone-in basis, and are for beef, veal, pork, mutton, horsemeat, and edible offal.

<sup>h</sup> Salt water catch only.

<sup>i</sup> Fabrics after undergoing finishing processes.

Table 44  
Rumania: Selected Economic Data  
1955 and 1960-66

Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>								
Gross national product <sup>a</sup> .....	9.4*	11.2*	12.0*	12.1*	12.6*	13.7*	14.8*	15.9*
Index of industrial production.....	84*	100*	113*	125*	136*	156*	178*	198*
Total population (midyear).....	17.3*	18.4*	18.6*	18.7*	18.8*	18.9*	19.0*	19.1*
Labor force <sup>b</sup> (midyear).....	10.4*	10.8*	10.9*	11.0*	11.1*	11.2*	11.3*	11.4*
<b>Fuels and power</b>								
Primary energy (coal equivalents <sup>c</sup> ).....	26.7*	34.2*	35.6*	39.1*	41.6*	43.7*	45.6*	48.9
Electric power (gross).....	4.34*	7.65*	8.66*	10.1*	11.7*	13.8*	17.2*	20.8*
Brown coal and lignite.....	2.8*	3.7*	3.8*	4.3*	4.6*	5.2*	6.0*	6.6*
Crude oil.....	10.6*	11.5*	11.6*	11.9*	12.2*	12.4*	12.6*	12.8*
Natural gas <sup>d</sup> .....	6.17*	10.1*	10.9*	12.9*	14.3*	15.5*	17.3*	18.6*
Petroleum products.....	10.1	11.0	11.0	11.3	11.6	11.7	11.8	11.9
<b>Minerals and metals</b>								
Crude steel.....	0.77*	1.81*	2.13*	2.45*	2.70*	3.04*	3.42*	3.67*
Rolled steel.....	0.50*	1.25*	1.52*	1.66*	1.92*	2.06*	2.35*	2.59*
Iron ore.....	0.64*	1.46*	1.74*	1.74*	2.29*	1.93*	2.43*	2.66*
<b>Agriculture</b>								
Grain <sup>e</sup> .....	8.04	8.58	9.32	8.57	9.14	9.68	10.7	12.1
Potatoes.....	2.61*	3.01*	2.88*	2.60*	2.69*	2.62*	2.20*	3.34*
Cattle (beginning of year).....	4.63*	4.45*	4.53*	4.71*	4.57*	4.64*	4.76*	4.94*
Hogs (beginning of year).....	4.37*	4.30*	4.30*	4.66*	4.52*	4.66*	6.03*	5.36*
Wool (grease basis).....	20.7*	21.8*	23.0*	23.0*	22.6*	24.8*	25.4*	26.0
Meat <sup>f</sup> .....	361	414	426	465	365	430	462	471
<b>Manufactured items</b>								
Grain combines.....	0*	5.50*	6.13*	5.81*	3.66*	3.07*	2.01*	2.20*
Tractors.....	3.5*	17.1*	20.0*	21.5*	13.3*	16.0*	15.8*	18.5*
Cement.....	1.94*	3.05*	3.31*	3.49*	4.37*	4.75*	5.41*	5.89*
<b>Transportation and trade</b>								
Railroad freight traffic.....	14.7*	19.8*	22.2*	24.4*	26.8*	29.4*	31.0*	33.2*
Motor vehicle freight traffic.....	1.20*	1.60*	1.91*	2.43*	2.78*	3.15*	3.27*	3.95*
Imports (f.o.b.).....	0.46*	0.65*	0.81*	0.94*	1.02*	1.17*	1.08*	1.21*
Exports (f.o.b.).....	0.42*	0.72*	0.79*	0.82*	0.92*	1.00*	1.10*	1.19*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Including the armed forces and the unemployed.

<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>d</sup> Including methane (dry) gas and wet gas from oilfields.

<sup>e</sup> Data are for barley, corn, oats, rice, rye, and wheat.

<sup>f</sup> Annual average for 1955-59.

<sup>g</sup> Data are carcass weight, bone-in basis, and are for beef, veal, pork, mutton, and goat.

Table 45

Communist China: Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregate data</b>									
Gross national product *	Billion 1965 US \$	59	77	64	66	69	74	77	78
Index of industrial production <sup>b</sup>	1960=100	43*	100*	66*	58*	64*	72*	78*	83*
Total population (midyear)	Million persons	611*	686*	698*	709*	723*	738*	755*	772*
Labor force * (midyear)	Million persons	273*	307	305	306	314	321	328	335
Agricultural labor force (midyear)	Million persons	234*	254	257	262	269	275	280	286
<b>Fuels and power</b>									
Primary energy (coal equivalents <sup>a</sup> )	Million metric tons	94	303	202	177	190	205	214	226
Electric power (gross)	Billion kilowatt-hours	12.3*	47*	31*	30*	33*	36*	40	44
Hard coal *	Million metric tons	98*	330	240	210	215	220	230	240
Crude oil (natural and synthetic)	Million metric tons	0.97*	4.60	4.50	5.00	5.80	6.90	7.90	10.00
Petroleum products	Million metric tons	1.2	4.7	4.0	4.5	5.3	6.3	7.2	9.0
<b>Minerals and metals</b>									
Crude steel	Million metric tons	2.85*	18.45*	8	8	9	10	11	12
Pig iron	Million metric tons	3.87*	27.5*	9.0	9.0	10.0	11.0	12.0	15.4
Iron ore	Million metric tons	9.6*	56.4	28.6	18.4	20.4	22.5	24.8	31.1
Manganese ore	Thousand metric tons	196	708	228	242	281	372	312	375
Tungsten ore (60 percent WO <sub>3</sub> basis)	Thousand metric tons	20	20	20	19	17	10	10	10
Primary aluminum	Thousand metric tons	10	80	80	80	80	80	100	120
<b>Agriculture</b>									
Grain *	Million metric tons	180 <sup>b</sup>	160 to 165	160 to 165	175 to 180	170 to 185	180 to 190	185 to 195	180 to 195
Ginned cotton	Million metric tons	1.52	1.25	0.98	0.75	0.80	1.00	1.00	1.20
<b>Manufactured items</b>									
Tractors	Thousand units	0*	11.3	7.6	8.3	10.0	12.3	15.0	16.5
Trucks and buses	Thousand units	Negl.	17.4	2.7	8.0	13.7	17.7	28.0	36.0
Sulfuric acid	Million metric tons	0.38*	1.35*	N.A.	1.10	1.50	2.00	N.A.	N.A.
Chemical fertilizer <sup>c</sup>	Million metric tons	0.4	2.5	1.4	2.1	2.9	3.5	4.5	5.5
Nutrients	Thousand metric tons	85	500	280	410	570	680	880	1,080
Cement	Million metric tons	4*	N.A.	5	6	7	8	9	11
<b>Trade</b>									
Imports (f.o.b.)	Million US \$	1,685	2,025	1,490	1,150	1,200	1,470	1,860	2,045
Exports (f.o.b.)	Million US \$	1,355	1,945	1,520	1,520	1,560	1,725	1,905	2,155

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.<sup>b</sup> Estimates of this Office computed by applying value-added weights to data for commodity production.<sup>c</sup> Data exclude the armed forces but include the unemployed.<sup>d</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>e</sup> Including a negligible amount of brown coal.<sup>f</sup> Including 13.4 million metric tons of pig iron made in "small blast furnaces," of which 6.5 million metric tons were usable for steelmaking.<sup>g</sup> Data are for wheat, rice, barley, oats, corn, and rice, and also include kaoliang, broad beans, and field peas. Tubers are included on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.<sup>h</sup> Annual average for 1957-59.<sup>i</sup> Data are in terms of product weight containing 20 percent nitrogen (N), 18.7 percent phosphoric acid (P<sub>2</sub>O<sub>5</sub>), and 40 percent potassium oxide (K<sub>2</sub>O).

Table 46  
North Korea: Selected Economic Data  
1955 and 1960-66

Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregate data</b>								
Gross national product <sup>a</sup> .....	1.0	2.0	2.2	2.3	2.4	2.6	2.7	N.A.
Gross industrial production.....	22*	100*	114*	137*	148*	173*	198*	N.A.*
Total population (midyear).....	8.9*	10.6*	11.0*	11.3*	11.6*	12.0*	12.3*	12.6*
Labor force <sup>b</sup> (midyear).....	3.5	4.1	4.2	4.4	4.6	4.7	4.8	4.9
<b>Fuels and power</b>								
Primary energy (coal equivalents <sup>c</sup> ).....	4.3	14.0*	15.6*	17.6*	18.4*	19.2*	21.5*	21.1
Electric power (gross).....	3.14*	9.14*	10.0*	11.4*	11.8*	12.5*	13.4*	12.5
Metallurgical coke.....	0.21*	0.82*	0.82*	1.17*	1.20*	1.20*	N.A.	N.A.
Hard coal.....	1.9*	6.8*	7.6*	8.6*	9.2*	9.3*	12.4	14.0
<b>Minerals and metals</b>								
Crude steel.....	0.14*	0.64*	0.78*	1.05*	1.02*	1.13*	1.23*	1.30
Iron ore.....	0.14*	3.11*	3.54*	3.34*	3.86*	4.00*	4.96*	5.00*
Tungsten ore <sup>d</sup> .....	1.86*	3.00*	3.10*	3.90*	4.00	4.20*	N.A.	N.A.
Lead.....	9.4	34	40*	43*	47*	51*	54*	57*
Refined zinc.....	0*	55*	62*	66*	71*	75*	80*	84*
<b>Agriculture</b>								
Grain <sup>e</sup> .....	2.12 <sup>b</sup>	2.63	2.94	3.14	N.A.	N.A.	N.A.	N.A.
Rice (rough, or paddy).....	1.24* <sup>b</sup>	1.51	1.53	1.75	1.55	1.62	N.A.	N.A.
Cattle (beginning of year).....	N.A.	N.A.	0.67*	N.A.	0.68*	0.68*	0.70*	N.A.
Hogs (beginning of year).....	0.70	N.A.	1.12*	1.40*	1.50*	1.14*	1.44*	N.A.
Fish catch.....	313*	465*	595*	N.A.	640*	770*	785*	N.A.
<b>Manufactured items</b>								
Metalcutting machine tools.....	0.32*	2.20*	2.60*	3.36*	3.33*	3.20*	4.75*	5.25*
Turbines.....	N.A.	14*	N.A.	40	50	50	65	N.A.
Sulfuric acid.....	28*	255*	273*	316*	321*	N.A.	N.A.	N.A.
Synthetic ammonia (nitrogen content).....	6	111	115	136	136	N.A.	N.A.	N.A.
Mineral fertilizer (nutrients).....	17	133	157	171	184	165	157	N.A.
Cement.....	0.36*	2.28*	2.26*	2.38*	2.53*	2.61*	2.40*	2.50*
<b>Transportation and trade</b>								
Railroad freight traffic.....	3.79*	9.10*	9.82*	9.86*	10.40*	10.53*	11.00	N.A.
Motor vehicle freight traffic.....	138*	552*	565*	640*	670*	729*	765	N.A.
Imports (f.o.b.).....	60	168	215	224	220	203	219	N.A.
Exports (f.o.b.).....	45	152	157	178	196	200	208	N.A.

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Data exclude the armed forces but include the unemployed.

<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>d</sup> Plan data.

\* Based on an announced increase for 1965 of 24 percent applied to 1964 plan data.

<sup>c</sup> Tungsten trioxide (60 percent WO<sub>3</sub> basis).

\* Data are for barley, corn, oats, rice, wheat, buckwheat, millet, beans, and peas.

<sup>b</sup> Annual average for 1955-59.

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COUNTRY TABLES—NORTH VIETNAM

Table 47

North Vietnam: Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>									
Gross industrial production.....	1960=100.....	21*	100*	113*	143*	154*	170*	184*	N.A.*
Total population (midyear).....	Million persons.....	14.9*	16.0*	16.3*	16.6*	16.9*	17.3*	17.7*	18.1*
Labor force * (midyear).....	Million persons.....	7.4	8.2	8.4	8.6	8.9	9.2	9.4	9.7
Fuels and power									
Primary energy (coal equivalents <sup>b</sup> )	Million metric tons.....	0.6	2.4	2.6	3.2	3.1	3.2	3.7	3.8
Electric power (gross).....	Million kilowatt-hours.....	50*	260*	300*	370*	460*	550*	600*	550
Minerals and metals									
Iron ore.....	Million metric tons.....	N.A.	0.02*	0.02*	0.03*	0.07*	0.25	0.40	0.30
Chromite <sup>c</sup> .....	Thousand metric tons.....	0	19.4*	29.5*	32.6*	30.3*	29.0	32.0 <sup>d</sup>	32.0
Pig iron.....	Thousand metric tons.....	0*	10*	10*	12*	15*	120	200	150
Agriculture									
Grain <sup>e</sup> .....	Million metric tons.....	4.49 <sup>f</sup>	4.43*	4.93*	4.82*	4.46*	4.59*	4.79*	N.A.
Rice (rough, or paddy).....	Million metric tons.....	4.28 <sup>f</sup>	4.21*	4.65*	4.54*	4.24*	4.31*	4.51*	4.20
Sweet potatoes and manioc.....	Million metric tons.....	0.70	0.92*	1.71*	1.74*	1.68*	2.03*	1.18*	N.A.
Ginned cotton.....	Thousand metric tons.....	0.9	1.5*	2.0*	1.9*	2.0*	2.0	N.A.	N.A.
Cattle <sup>h</sup> (beginning of year).....	Million head.....	1.84*	2.40*	2.33*	2.23*	2.27*	2.30*	2.38*	N.A.
Hogs (beginning of year).....	Million head.....	2.14*	3.63*	3.75*	3.74*	4.24*	4.21*	4.48*	4.69*
Fish catch.....	Thousand metric tons.....	96	167	163	185	N.A.	N.A.	N.A.	N.A.
Manufactured items									
Metalcutting machine tools.....	Thousand units.....	0*	0.65*	1.03*	1.20*	0.54*	1.04*	0.50*	N.A.*
Cement.....	Thousand metric tons.....	8*	408*	458*	462*	495*	648*	660*	665*
Transportation and trade									
Railroad freight traffic.....	Million ton-kilometers.....	40*	700*	730*	700*	850*	930*	N.A.	N.A.
Motor vehicle freight traffic.....	Million ton-kilometers.....	4*	108*	132*	148*	154*	179*	N.A.	N.A.
Imports (f.o.b.).....	Million US \$.....	74*	128	144	141	156	132	195	N.A.
Exports (f.o.b.).....	Million US \$.....	7*	80	80	98	97	108	102	N.A.

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data exclude the armed forces but include the unemployed.<sup>b</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>c</sup> Data are for the estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>) content of the ores mined.<sup>d</sup> Based on plan data.<sup>e</sup> Corn and rice only.<sup>f</sup> Annual average for 1955-59<sup>g</sup> Excluding manioc.<sup>h</sup> Including buffaloes.

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Table 48

Albania: Selected Economic Data  
1955 and 1960-66

Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>								
Gross industrial production.....	160=100	100*	107*	113*	121*	130*	138*	152* <sup>a</sup>
Total population (midyear).....	Million persons	1.4*	1.6*	1.7*	1.8*	1.8*	1.9*	1.9*
Labor force <sup>b</sup> (midyear).....	Million persons	0.68*	0.73*	0.75*	0.76*	0.78*	0.80*	0.84*
<b>Fuels and power</b>								
Primary energy (coal equivalents <sup>c</sup> ).....	Million metric tons	0.4*	1.1*	1.2*	1.3*	1.2*	1.4	1.4
Electric power (gross).....	Billion kilowatt-hours	0.08*	0.19*	0.23*	0.24*	0.26*	0.29*	0.40*
Brown coal and lignite.....	Million metric tons	0.2*	0.3*	0.3*	0.3*	0.3*	0.3*	0.4*
Crude oil.....	Thousand metric tons	208*	728*	771*	785*	751*	764*	830
<b>Minerals and metals</b>								
Chromite <sup>d</sup> .....	Thousand metric tons	54.9	130*	105*	113*	132*	140*	136*
Blister copper.....	Thousand metric tons	0.9*	0.9*	1.3*	1.9*	2.0*	2.2*	4.9
Iron ore <sup>e</sup> .....	Million metric tons	0*	0.26*	0.36*	0.42*	0.26*	0.34*	N.A.
<b>Agriculture</b>								
Grain <sup>f</sup> .....	Million metric tons	0.34*	0.22*	0.28*	0.31*	0.29*	0.33*	0.38
Ginned cotton.....	Thousand metric tons	4.1*	5.4*	6.1*	6.2*	7.7*	7.7*	9.0
Potatoes.....	Million metric tons	0.03*	0.02*	0.03*	0.02*	0.02*	0.03*	0.10
Cattle <sup>g</sup> (beginning of year).....	Thousand head	430*	430*	430*	420*	410*	430*	420
Hogs (beginning of year).....	Thousand head	80*	120*	130*	130*	110*	150*	140
Wool (grease basis).....	Thousand metric tons	2.6	2.2	2.4	2.4	2.4	2.5	2.5
<b>Manufactured items</b>								
Cement.....	Thousand metric tons	45*	73*	120*	120*	130*	N.A.	138*
<b>Transportation and trade</b>								
Railroad freight traffic.....	Million ton-kilometers	20*	50*	80*	80*	60*	90*	120*
Motor vehicle freight traffic.....	Million ton-kilometers	93*	328*	378*	397*	388*	423*	514*
Imports (f.o.b.).....	Million US \$	43*	81*	72*	65*	71*	98*	N.A.
Exports (f.o.b.).....	Million US \$	13*	49*	48*	41*	48*	59*	N.A.

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Estimated.<sup>b</sup> Including the armed forces and the unemployed.<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>d</sup> Data are for the estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>) content of the ores mined.<sup>e</sup> Iron-nickel ore that is mined for its nickel content.<sup>f</sup> Data are for barley, corn, oats, rice, rye, wheat, and buckwheat.<sup>g</sup> Annual average for 1955-59.<sup>h</sup> Including buffaloes.

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COUNTRY TABLES—CUBA

Table 49

Cuba: Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregate data</b>									
Gross domestic product.....	Billion 1957 US \$	2.35	2.92	3.03	2.82	2.65	2.83	3.05	2.90
Total population (midyear).....	Million persons	6.1*	6.7*	6.8*	6.9*	7.0*	7.1*	7.3*	7.4*
<b>Fuels and power</b>									
Electric power (gross).....	Billion kilowatt-hours	1.87	2.98*	3.00*	2.97*	3.03*	3.18	3.38	3.58
<b>Minerals and metals</b>									
Crude steel.....	Thousand metric tons	N.A.	N.A.	110	60	60	50	30	30
Manganese ore.....	Thousand metric tons	258* <sup>a</sup>	16* <sup>b</sup>	89	79	81*	85	120	115
Refined nickel <sup>c</sup> .....	Thousand metric tons	13.7*	14.7	17.9	22.3	19.6*	22.2*	28.9	26.0
Chromite <sup>d</sup> .....	Thousand metric tons	27.8*	10.0* <sup>b</sup>	14.2	50.5	50.3	32.8	43.2	33.0
<b>Agriculture</b>									
Grain <sup>e</sup> .....	Thousand metric tons	380 <sup>f</sup>	480*	400*	370*	380*	220	120	140
Rice (rough, or paddy).....	Thousand metric tons	215 <sup>f</sup>	270*	200*	210*	200*	120	60	85
Potatoes.....	Thousand metric tons	130	90*	80*	90*	80*	90	100	120
Cattle (beginning of year).....	Million head	4.45*	5.76*	5.78*	5.80*	6.00	6.18	N.A.	N.A.
Fish catch.....	Thousand metric tons	12.8*	31.2*	30.5*	35.0*	35.6*	36.3*	40.3*	N.A.
Milk.....	Thousand metric tons	735*	742*	760*	660*	660*	780	780	950
Sugar <sup>g</sup> .....	Million metric tons	4.53*	5.86*	6.77*	4.82*	3.82*	4.40	6.05	4.45
Tobacco.....	Thousand metric tons	42.0*	52.2*	47.2*	45.4*	42.0	38.0	38.0	N.A.
Molasses.....	Million metric tons	2.3*	1.6*	1.8*	1.3*	1.1	1.3	2.2	1.2
Green coffee.....	Thousand metric tons	55.8	42.0*	48.0*	50.0*	35.0*	32.0	25.0	30.0
Ginned cotton.....	Thousand metric tons	0*	7.2*	4.7*	3.6*	3.5*	1.0	0.7	0.7
<b>Manufactured items</b>									
Rubber tires.....	Thousand units	101	341	361	391	363	450	197	280
Cement.....	Thousand metric tons	424*	813*	870*	780*	810*	805	800	750
<b>Trade</b>									
Imports (c.i.f.).....	Million US \$	633*	550*	702*	747*	831*	1,015	865	865
Exports (f.o.b.).....	Million US \$	611*	618*	625*	521*	545*	715	685	600

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Exports.

<sup>b</sup> US imports.

<sup>c</sup> Nickel content of oxide and sulfides.

<sup>d</sup> Data are for the estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>) content of the ores mined.

<sup>e</sup> Corn and rice only.

<sup>f</sup> Annual average for 1955-59.

<sup>g</sup> Cane sugar only.

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Table 50

Mongolia: Selected Economic Data  
1955 and 1960-66

Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregate data</b>								
Gross industrial production.....	1960=100	100*	120*	136*	144*	154*	165*	174*
Total population (midyear).....	Million persons.....	1.0*	1.0*	1.0*	1.0*	1.1*	1.1*	1.1*
<b>Fuels and power</b>								
Electric power (gross).....	Million kilowatt-hours.....	35.1	106.4*	156.0*	174.2*	211.7*	242.0*	215.0*
Coal.....	Million metric tons.....	0.33*	0.62*	0.75*	0.86*	0.85*	0.99*	1.05*
Diesel fuel.....	Thousand metric tons.....	N.A.	7.0*	7.2*	7.1*	7.6*	8.2*	N.A.
Petroleum.....	Thousand metric tons.....	N.A.	28.6*	26.1*	22.6*	19.3*	18.0*	N.A.
Gasoline.....	Thousand metric tons.....	N.A.	17.8*	17.4*	17.9*	18.2*	16.5*	N.A.
<b>Agriculture</b>								
Grain <sup>a</sup> .....	Thousand metric tons.....	73.9* <sup>b</sup>	256*	126*	326*	320*	354*	297*
Livestock.....	Million head.....	23.1*	20.7*	20.4*	21.0*	22.4*	23.8*	N.A.
Fresh butter <sup>c</sup> .....	Thousand metric tons.....	4.9*	4.8*	4.4*	3.9*	3.9*	4.1*	N.A.
<b>Minerals and metals</b>								
Tungsten ore <sup>d</sup> .....	Metric tons.....	300	300*	300*	570*	570*	600*	N.A.
<b>Manufactured items</b>								
Hides and skins.....	Million units.....	N.A.	0.92*	1.39*	2.17*	1.73*	2.09*	N.A.
Bricks.....	Million units.....	N.A.	77.5*	66.9*	61.0*	62.5*	38.8*	N.A.
Leather footwear.....	Million pairs.....	N.A.	0.90*	1.06*	1.19*	1.31*	1.42*	1.48*
<b>Transportation and trade</b>								
Railroad freight traffic.....	Billion ton-kilometers.....	N.A.	3.0*	3.1	1.9	1.3	0.87	N.A.
Imports (f.o.b.).....	Million US \$.....	N.A.	121	137	153	147	176	N.A.
Exports (f.o.b.).....	Million US \$.....	N.A.	73	76	81	76	80	N.A.

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are for barley, oats, wheat, and miscellaneous grain.<sup>b</sup> Annual average for 1955-59.<sup>c</sup> Excluding butter prepared by the self-employed for their own use.<sup>d</sup> Tungsten concentrates, 60 percent tungsten trioxide (WO<sub>3</sub>) basis.

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COUNTRY TABLE 58

YUGOSLAVIA

Table 51

Yugoslavia: Selected Economic Data  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Aggregative data</b>									
Index of industrial production....	1960=100.....	55*	100*	107*	115*	133*	154*	166*	173*
Total population (midyear).....	Million persons.....	17.5*	18.4*	18.6*	18.8*	19.1*	19.3*	19.5*	19.7*
Labor force <sup>a</sup> (midyear).....	Million persons.....	8.01*	8.32*	8.38*	8.49*	8.62*	8.75*	8.88*	8.99*
Fuels and power									
Primary energy (coal equivalents <sup>b</sup> )	Million metric tons.....	8.1*	12.4*	13.4*	13.8*	15.3*	16.6*	17.2*	16.9*
Electric power (gross).....	Billion kilowatt-hours.....	4.34*	8.96*	9.92*	11.3*	13.5*	14.2*	15.5*	17.0*
Crude oil.....	Million metric tons.....	0.26*	0.94*	1.34*	1.52*	1.61*	1.80*	2.06*	2.22*
Natural gas.....	Million cubic meters.....	55*	53*	69*	95*	191*	274*	330*	402*
Metallurgical coke.....	Million metric tons.....	0.73*	1.08*	1.10*	1.11*	1.09*	1.16*	1.25*	1.21*
Minerals and metals									
Crude steel.....	Million metric tons.....	0.80*	1.44*	1.53*	1.60*	1.59*	1.67*	1.77*	1.86*
Rolled steel.....	Million metric tons.....	0.49*	0.97*	1.01*	1.06*	1.15*	1.20*	1.19*	1.23*
Iron ore.....	Million metric tons.....	1.40*	2.20*	2.18*	2.19*	2.30*	2.31*	2.50*	2.49*
Refined copper.....	Thousand metric tons.....	24.8*	35.1*	30.1*	45.5*	49.0*	51.9*	56.3*	62.0*
Primary aluminum.....	Thousand metric tons.....	12*	25*	27*	28*	36*	35*	39*	42*
Bauxite.....	Million metric tons.....	0.79*	1.02*	1.23*	1.33*	1.28*	1.29*	1.57*	1.89*
Agriculture									
Grain <sup>c</sup> .....	Million metric tons.....	8.59* <sup>d</sup>	10.9*	8.93*	9.51*	10.6*	11.7*	10.6*	14.0*
Cattle (beginning of year).....	Million head.....	5.29*	5.30*	5.70*	5.88*	5.36*	5.09*	5.22*	5.58*
Hogs (beginning of year).....	Million head.....	4.78*	6.21*	5.82*	5.16*	5.01*	6.10*	6.98*	5.12*
Meat <sup>e</sup> .....	Thousand metric tons.....	481*	522*	533*	543*	546*	558*	637*	562
Fish catch.....	Thousand metric tons.....	22.6*	30.9*	37.3*	30.3*	34.4*	38.3*	41.9*	N.A.
Milk.....	Million metric tons.....	1.70*	2.28*	2.25*	2.22*	2.17*	2.24*	2.30*	2.40
Manufactured items									
Woven cotton fabrics.....	Million square meters.....	174*	257*	269*	312*	348*	378*	394*	416*
Sulfuric acid.....	Thousand metric tons.....	73*	130*	234*	286*	391*	472*	435*	542*
Mineral fertilizer (nutrients).....	Thousand metric tons.....	34*	59*	90*	123*	209*	270*	241*	303
Passenger automobiles.....	Thousand units.....	0.8*	10.5*	15.0*	13.1*	20.9*	27.9*	35.9*	35.3*
Trucks and buses (civilian).....	Thousand units.....	2.7*	5.5*	6.3*	8.6*	9.8*	11.4*	11.9*	11.2*
Tractors.....	Thousand units.....	1.1*	7.3*	4.9*	5.4*	8.1*	9.4*	7.4*	8.7*
Cement.....	Million metric tons.....	1.57*	2.40*	2.34*	2.52*	2.85*	3.04*	3.10*	3.20*
Transportation and trade									
Railroad freight traffic <sup>f</sup> .....	Billion ton-kilometers.....	11.6*	15.2*	14.9*	15.0*	17.3*	18.3*	18.0*	17.8*
Imports (c.i.f.).....	Billion US \$.....	0.44*	0.83*	0.91*	0.89*	1.06*	1.32*	1.29*	1.57*
Exports (f.o.b.).....	Billion US \$.....	0.26*	0.57*	0.57*	0.60*	0.79*	0.89*	1.09*	1.22*

\* An asterisk indicates that the data are unclassified.

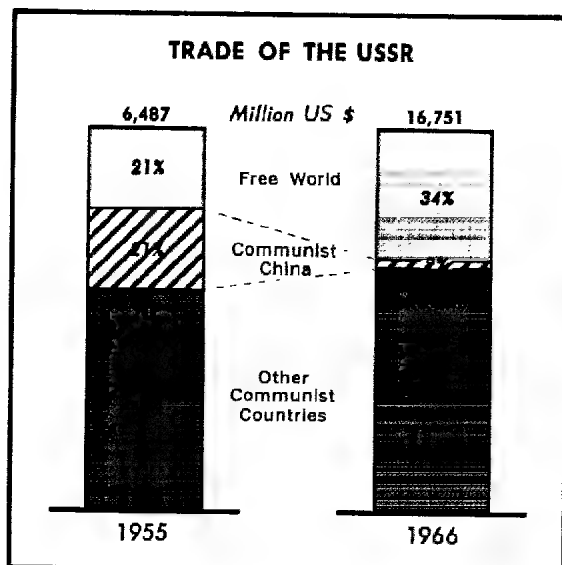
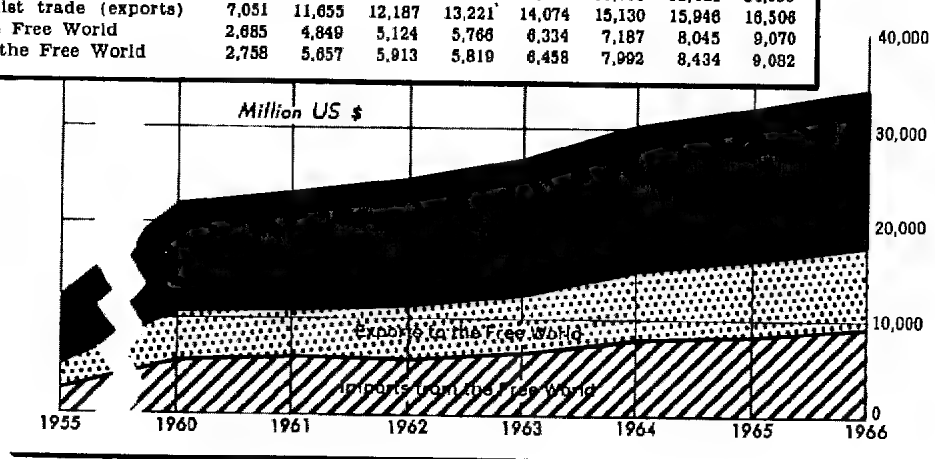
<sup>a</sup> Including the armed forces and the unemployed.<sup>b</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>c</sup> Data are for barley, corn, oats, rice, rye, and wheat.<sup>d</sup> Annual average for 1955-59.<sup>e</sup> Data are carcass weight, bone-in basis, and are for beef, veal, pork, mutton, and horsemeat.<sup>f</sup> Including service traffic.

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## Direction of Foreign Trade of the Communist Countries 1955 and 1960-66

TABLE 52

	TOTAL COMMUNIST TRADE (Million US \$)							
	1955	1960	1961	1962	1963	1964	1965	1966
Total trade	12,494	22,181	23,224	24,806	26,866	30,309	32,425	34,658
Intra-Communist trade (exports)	7,051	11,655	12,187	13,221	14,074	15,130	15,946	16,506
Exports to the Free World	2,685	4,849	5,124	5,766	6,334	7,187	8,045	9,070
Imports from the Free World	2,758	5,657	5,913	5,819	6,458	7,992	8,434	9,082



~~SECRET~~

Table 53

World Exports, \* by Selected Country and Region  
1955-66

Billion US \$

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
World.....	94.1	104	112	109	116	129	135	143	155	174	189	206
Free World <sup>b</sup> .....	84.5*	93.6*	100*	95.7*	101*	113*	118*	124*	135*	152*	165*	180*
Of which:												
US.....	15.6*	19.1*	20.9*	17.9*	17.6*	20.6*	21.0*	21.7*	23.4*	26.6*	27.5*	30.4*
Western Europe..	34.6*	37.8*	41.4*	41.1*	44.6*	51.1*	54.8*	57.7*	62.9*	70.8*	78.5*	85.7*
Japan.....	2.0*	2.5*	2.9*	2.9*	3.5*	4.1*	4.2*	4.9*	5.5*	6.7*	8.5*	9.8*
Communist Countries.	9.7	10.7	12.0	12.9	15.1	16.6	17.3	19.0	20.4	22.3	24.0	25.6
Of which:												
USSR.....	3.4*	3.6*	4.4*	4.3*	5.4*	5.6*	6.0*	7.0*	7.3*	7.7*	8.2*	8.8*
Eastern Europe...	4.6*	5.0*	5.4*	6.0*	6.8*	7.6*	8.3*	8.9*	9.9*	10.9*	11.8*	12.4
Communist China.	1.4	1.6	1.6	1.9	2.2	1.9	1.5	1.5	1.6	1.7	1.9	2.2

\* An asterisk indicates that the data are unclassified.

\* Including foreign aid where possible. Data are f.o.b.

<sup>b</sup> Before 1960, Cuba is included in the Free World.~~SECRET~~

Table 54  
Trade of the US with the USSR and Eastern European Communist Countries  
1955-66

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
US exports to *	7,043*	11,245*	86,095*	113,125*	89,269*	193,851*	133,324*	125,180*	166,682*	339,563*	139,222*	197,840*
USSR <sup>b</sup>	252*	3,823*	4,481*	3,422*	7,398*	39,264*	45,573*	20,185*	22,926*	146,360*	44,388*	41,725*
Eastern Europe	6,791*	7,422*	81,614*	109,703*	81,871*	154,587*	87,751*	104,995*	143,756*	193,203*	94,834*	156,115*
US imports from *	55,725*	65,260*	61,227*	63,405*	80,809*	80,869*	80,955*	79,633*	81,377*	98,414*	137,389*	178,572*
USSR <sup>b</sup>	17,139*	24,468*	16,772*	17,504*	28,624*	22,644*	23,230*	16,137*	21,161*	20,678*	42,650*	49,565*
Eastern Europe	38,586*	40,792*	44,455*	45,901*	52,185*	58,225*	57,765*	62,496*	60,216*	77,736*	94,739*	129,007*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Exports include reexports and are valued f.o.b. Imports are general imports and are valued f.o.b. port of export.

<sup>b</sup> Including data for Estonia, Latvia, and Lithuania.

UNCLASSIFIED

Table 55

Trade of the US with the USSR, by Commodity  
1955 and 1960-65

Thousand US \$

	1955	1960	1961	1962	1963	1964	1965
Exports to the USSR <sup>a</sup>							
Total exports <sup>b</sup> . . . . .	245*	39,255*	45,570*	20,105*	22,913*	146,351*	44,344*
Food and live animals . . . . .	N.A.*	60*	31*	131*	783*	117,804*	0*
Beverages and tobacco . . . . .	0*	0*	0*	44*	0*	0*	0*
Inedible crude materials except fuels . . . . .	27*	4,022*	5,971*	9,679*	7,305*	6,307*	15,882*
Cattle hides . . . . .	27*	2,622*	2,904*	6,789*	5,916*	3,038*	6,088*
Manmade fiber, staple and tow . . . . .	N.A.*	1,400*	1,603*	1,431*	547*	1,987*	1,353*
Mineral fuels, lubricants, and related materials . . . . .	N.A.*	0*	0*	0*	1,961*	299*	0*
Animal and vegetable oils and fats . . . . .	N.A.*	0*	15,122*	4,011*	2,066*	8,250*	16,719*
Tallow . . . . .	N.A.*	0*	15,122*	4,011*	2,066*	8,250*	16,719*
Chemicals . . . . .	133*	3,099*	2,835*	832*	8,122*	8,057*	5,730*
Basic manufactures . . . . .	N.A.*	12,310*	4,228*	609*	724*	172*	215*
Yarn and thread of artificial fibers . . . . .	N.A.*	1,322*	2,898*	422*	385*	0*	0*
Steel sheets, black, cold-rolled, and ungalvanized . . . . .	N.A.*	10,618*	1,086*	0*	0*	0*	0*
Machinery and transport equipment . . . . .	7*	19,254*	16,757*	3,930*	1,101*	4,996*	5,116*
Miscellaneous manufactures . . . . .	16*	258*	578*	828*	539*	395*	440*
Other . . . . .	63*	252*	48*	41*	312*	71*	242*
Imports from the USSR <sup>d</sup>							
Total imports <sup>b</sup> . . . . .	16,828*	22,779*	22,787*	16,321*	21,161*	20,678*	42,650*
Food and live animals . . . . .	265*	221*	206*	218*	245*	233*	569*
Sturgeon and other fish roe . . . . .	N.A.*	208*	177*	136*	187*	40*	49*
Inedible crude materials except fuels . . . . .	10,355*	8,008*	8,821*	9,840*	11,818*	12,289*	13,848*
Furs . . . . .	7,958*	5,967*	6,762*	7,462*	6,770*	5,932*	6,176*
Chrome ore . . . . .	0*	160*	502*	916*	3,481*	4,772*	4,373*
Chemicals . . . . .	3,963*	8,175*	6,180*	544*	202*	193*	960*
Benzene . . . . .	N.A.*	7,819*	3,671*	0*	0*	0*	0*
Naphthalene . . . . .	N.A.*	0*	2,018*	409*	0*	0*	0*
Basic manufactures <sup>e</sup> . . . . .	1,298*	5,738*	6,804*	5,009*	8,258*	7,063*	26,385*
Platinum <sup>e</sup> . . . . .	1,127*	2,760*	1,882*	1,045*	2,454*	1,245*	7,024*
Palladium <sup>e</sup> . . . . .	N.A.*	1,473*	4,238*	1,945*	3,954*	3,811*	12,530*
Rhodium <sup>e</sup> . . . . .	N.A.*	1,292*	131*	1,101*	1,647*	1,035*	3,165*
Miscellaneous manufactures . . . . .	16*	317*	462*	316*	511*	740*	640*
Other . . . . .	931*	320*	314*	394*	127*	160*	248*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Exports are domestic exports only, excluding reexports, and are valued f.a.s. Except for 1955, exports include data for Estonia, Latvia, and Lithuania, which are treated separately in Department of Commerce statistics.<sup>b</sup> The minor differences between the totals shown on this table and those shown on Table 54, p. 54, are due to differences in definition.<sup>c</sup> Excluding US wheat shipped from a Canadian port, as reported by US grain inspectors, of 4.1 million bushels valued at US \$7.4 million. The final destinations were unknown at the time of export from the United States.<sup>d</sup> Imports for 1955 and 1960-62 are for consumption only whereas imports for 1963-65 are general imports. Imports are valued f.o.b. port of export and, except for 1955, include data for Estonia, Latvia, and Lithuania, which are treated separately in Department of Commerce statistics.<sup>e</sup> Data may include unrefined metal.

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Table 56  
Trade Turnover of the Communist Countries \*  
1955 and 1960-66

	Million US \$							Average Annual Rate of Growth <sup>b</sup> (Percent)	
	1955	1960	1961	1962	1963	1964	1965	1966	1962-66
<b>COMMUNIST COUNTRIES</b>									
USSR and Eastern Europe									
USSR.....	6,487*	11,190*	11,820*	13,486*	14,331*	15,419*	16,220*	16,755*	9.0* 7.2*
Eastern Europe									
Bulgaria.....	486*	1,204*	1,329*	1,557*	1,767*	2,042*	2,354*	2,788*	17.2* 16.0*
Czechoslovakia.....	2,229*	3,745*	4,070*	4,263*	4,622*	5,005*	5,361*	5,585*	8.7* 6.5*
East Germany.....	2,451*	4,394*	4,524*	4,781*	5,038*	5,560*	5,869*	6,350*	9.0* 7.0*
Hungary.....	1,155*	1,850*	2,054*	2,248*	2,511*	2,846*	3,030*	3,158*	9.6* 9.0*
Poland.....	1,852*	2,821*	3,190*	3,532*	3,749*	4,169*	4,568*	4,766*	9.0* 8.4*
Rumania.....	884*	1,365*	1,607*	1,759*	1,937*	2,168*	2,179*	2,398*	9.5* 8.3*
Far East									
Communist China <sup>c</sup> .....	3,040	3,975	3,015	2,670	2,755	3,200	3,765	4,200	3.0 6.9
North Korea.....	105	321*	372*	402*	415*	402*	426*	N.A.	15.0* 3.4*
North Vietnam.....	80*	208	224	239	253	239	298	N.A.	14.1* 7.4*
Other									
Albania.....	56*	130*	121*	106*	119*	158*	168*	N.A.	11.6* 8.5*
Cuba.....	*	1,168*	1,325*	1,268*	1,376*	1,729*	1,550	1,465	2.0
Yugoslavia.....	698*	1,393*	1,479*	1,578*	1,847*	2,216*	2,379*	2,795*	13.4* 13.6*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Official statistics of the countries listed, except where data are estimated. Exports and imports are f.o.b. except for Hungary, Cuba, and Yugoslavia, where imports are c.i.f.

<sup>b</sup> The base years are 1955 and 1961, respectively.

<sup>c</sup> Estimated.

<sup>d</sup> Rounded to the nearest US \$5 million.

<sup>e</sup> Rate of growth for 1956-65.

<sup>f</sup> Rate of growth for 1962-65.

<sup>g</sup> Not applicable. Cuba was not a Communist country before 1960.

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TRADE

Table 57

Trade Among the Communist Countries <sup>a</sup>  
1955 and 1960-66

Million US \$

Exports by Designated Country								
	1955 <sup>b</sup>	1960	1961	1962	1963	1964	1965	1966
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	2,723*	4,211*	4,321*	4,905*	5,099*	5,407*	5,555*	5,873*
Eastern Europe								
Bulgaria.....	212*	480*	566*	637*	685*	781*	934*	N.A.
Czechoslovakia.....	810*	1,395*	1,443*	1,631*	1,859*	1,902*	1,965*	1,937* °
East Germany.....	940*	1,672*	1,732*	1,870*	2,144*	2,275*	2,297*	N.A.
Hungary.....	404*	624*	767*	811*	840*	963*	1,058*	1,084*
Poland.....	578*	830*	939*	1,034*	1,123*	1,351*	1,409*	1,400*
Rumania.....	341*	523*	556*	560*	639*	688*	756*	N.A.
Far East								
Communist China ° d.....	945	1,320	960	915	820	710	650	600
North Korea °.....	43*	147*	151*	171*	185*	178*	185*	N.A.
North Vietnam.....	6*	70 °	66 °	79 °	77 °	85 ° °	79 ° °	N.A.
Other								
Albania.....	13*	48*	47*	38*	45*	55*	59* °	N.A.
Cuba.....	†	151*	458*	402*	335*	423*	535	480
Yugoslavia.....	36*	184*	181*	168*	214*	312*	464*	453* °
Imports by Designated Country								
	1955 <sup>b</sup>	1960	1961	1962	1963	1964	1965	1966
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	2,418*	3,978*	4,147*	4,566*	4,986*	5,346*	5,610*	5,263*
Eastern Europe								
Bulgaria.....	223*	531*	565*	650*	769*	804*	874*	N.A.
Czechoslovakia.....	755*	1,294*	1,395*	1,532*	1,589*	1,763*	1,961*	1,923* °
East Germany.....	828*	1,620*	1,707*	1,909*	1,816*	1,976*	2,047*	N.A.
Hungary.....	302*	687*	712*	821*	900*	996*	1,018*	1,013*
Poland.....	605*	950*	1,054*	1,246*	1,326*	1,306*	1,548*	1,604*
Rumania.....	386*	474*	548*	634*	694*	795*	660*	N.A.
Far East								
Communist China.....	1,310	1,280	715	490	430	390	515	515
North Korea.....	54*	162*	200*	218*	206*	181*	185*	N.A.
North Vietnam.....	73*	118 °	132 °	122 °	134 °	119 ° °	180 ° °	N.A.
Other								
Albania.....	42*	77*	67*	62*	66*	92*	98* °	N.A.
Cuba.....	†	120*	492*	640*	703*	689*	665	675
Yugoslavia.....	33*	212*	171*	194*	241*	386*	381*	503* °

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Official statistics of the countries listed, except where data are estimated. Exports and imports are f.o.b. except for Hungary, Cuba, and Yugoslavia, where imports are c.i.f.<sup>b</sup> Excluding trade of the Communist countries with Cuba.<sup>c</sup> Estimated.<sup>d</sup> Rounded to the nearest US \$5 million.<sup>e</sup> Based on data of trading partner countries.<sup>f</sup> Not applicable. Cuba was not a Communist country before 1960.

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Table 58

Trade of the Communist Countries with the Free World \*  
1955 and 1960-66

Million US \$

Exports to the Free World								
	1955 <sup>b</sup>	1960	1961	1962	1963	1964	1965	1966
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	704*	1,350*	1,677*	2,125*	2,173*	2,276*	2,611*	2,968*
Eastern Europe								
Bulgaria.....	24*	91*	97*	136*	149*	199*	242*	N.A.
Czechoslovakia.....	366*	535*	604*	563*	603*	674*	723*	912* <sup>c</sup>
East Germany.....	338*	535*	549*	507*	569*	655*	770*	N.A.
Hungary.....	197*	249*	262*	289*	357*	389*	452*	509*
Poland.....	341*	405*	564*	612*	647*	746*	819*	872*
Rumania.....	81*	194*	236*	258*	276*	312*	346*	N.A.
Far East								
Communist China <sup>e</sup> <sup>d</sup> .....	410	625	560	605	740	1,015	1,255	1,555
North Korea.....	2	5	6	7	11	22	23	N.A.
North Vietnam.....	1*	10	14 <sup>e</sup>	19	20	23* <sup>e</sup>	23* <sup>e</sup>	N.A.
Other								
Albania.....	Negl.*	1*	1*	3*	3*	4*	4* <sup>c</sup>	N.A.
Cuba.....	1	467*	166*	119*	210*	291	150	120
Yugoslavia.....	221*	382*	388*	523*	576*	581*	627*	768* <sup>c</sup>
Imports from the Free World								
	1955 <sup>b</sup>	1960	1961	1962	1963	1964	1965	1966
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	642*	1,650*	1,681*	1,890*	2,072*	2,390*	2,444*	2,647*
Eastern Europe								
Bulgaria.....	27*	101*	101*	135*	164*	259*	303*	N.A.
Czechoslovakia.....	298*	522*	628*	537*	572*	666*	711*	813* <sup>c</sup>
East Germany.....	345*	567*	536*	494*	510*	654*	755*	N.A.
Hungary.....	252*	288*	313*	328*	405*	499*	502*	552*
Poland.....	327*	546*	632*	639*	653*	766*	793*	890*
Rumania.....	76*	174*	267*	307*	328*	374*	418*	N.A.
Far East								
Communist China <sup>e</sup> <sup>d</sup> .....	375	745	775	660	770	1,080	1,345	1,530
North Korea.....	6	6	15	6	14	22	34	N.A.
North Vietnam.....	1*	10	12 <sup>e</sup>	19	22	13* <sup>e</sup>	15* <sup>e</sup>	N.A.
Other								
Albania.....	1*	4*	5*	3*	5*	6*	7* <sup>c</sup>	N.A.
Cuba.....	1	430*	209*	107* <sup>a</sup>	128* <sup>b</sup>	326*	200	190
Yugoslavia.....	408*	614*	739*	694*	815*	937*	907*	1,071* <sup>c</sup>

\* An asterisk indicates that the data are unclassified.

\* Official statistics of the countries listed, except where data are estimated. Exports and imports are f.o.b. except for Hungary, Cuba, and Yugoslavia, where imports are c.i.f.

<sup>b</sup> Including trade of the Communist countries with Cuba.<sup>c</sup> Estimated.<sup>d</sup> Rounded to the nearest US \$5 million.<sup>e</sup> Based on data of trading partner countries.<sup>f</sup> Not applicable. Cuba was not a Communist country before 1960.<sup>a</sup> Excluding US ransom payment of US \$13 million.<sup>b</sup> Excluding US ransom payment of US \$35 million.

Table 59  
Direction of Soviet Foreign Trade  
1955-65

		Communist Countries						Free World			Million US \$
		Total		Eastern Europe	Communist China	Other Asian	Other <sup>b</sup>	Total	Developed Countries	Less Developed Countries	Unspecified
	Total Trade										
1955....	Exports.....	3,426.6*	2,722.9*	1,792.1*	748.3*	166.1*	16.4*	703.7*	554.1*	102.1*	47.6*
	Imports.....	3,060.5*	2,418.4*	1,662.8*	643.6*	94.6*	17.5*	642.1*	440.7*	200.4*	1.1*
1956....	Exports.....	3,615.0*	2,729.4*	1,767.8*	733.0*	159.6*	69.1*	885.5*	607.1*	169.6*	108.8*
	Imports.....	3,612.6*	2,735.8*	1,815.1*	764.2*	106.8*	49.7*	876.9*	591.2*	284.9*	0.8*
1957....	Exports.....	4,381.4*	3,304.4*	2,549.9*	544.1*	137.3*	73.1*	1,077.0*	702.0*	270.9*	104.1*
	Imports.....	3,937.9*	2,825.7*	1,914.8*	738.1*	115.9*	56.9*	1,112.2*	686.3*	421.6*	4.3*
1958....	Exports.....	4,297.5*	3,136.2*	2,320.1*	634.0*	131.0*	51.1*	1,161.3*	681.9*	377.1*	102.3*
	Imports.....	4,349.5*	3,242.0*	2,205.7*	881.2*	104.2*	50.9*	1,107.5*	633.3*	471.1*	3.2*
1959....	Exports.....	5,440.7*	4,124.0*	2,950.5*	954.5*	172.7*	46.2*	1,316.8*	867.5*	331.4*	117.9*
	Imports.....	5,073.2*	3,789.5*	2,519.4*	1,100.3*	116.7*	53.1*	1,283.7*	768.8*	509.9*	5.0*
1960....	Exports.....	5,561.6*	4,211.4*	3,117.7*	817.1*	63.9*	212.7*	1,350.2*	983.2*	335.2*	31.9*
	Imports.....	5,628.9*	3,978.5*	2,819.4*	848.1*	97.8*	213.2*	1,650.4*	1,080.0*	564.3*	6.0*
1961....	Exports.....	5,998.2*	4,321.1*	3,399.7*	367.3*	118.3*	435.7*	1,677.1*	1,069.3*	498.1*	109.7*
	Imports.....	5,827.6*	4,146.7*	3,044.1*	551.4*	104.8*	446.4*	1,680.9*	1,092.7*	578.9*	9.3*
1962....	Exports.....	7,030.5*	4,905.2*	3,971.1*	233.4*	135.3*	565.3*	2,125.3*	1,115.2*	559.9*	450.3*
	Imports.....	6,455.4*	4,565.5*	3,590.3*	516.3*	118.4*	340.4*	1,889.9*	1,282.8*	603.4*	3.6*
1963....	Exports.....	7,272.4*	5,099.4*	4,163.3*	187.2*	138.8*	610.1*	2,173.0*	1,218.1*	751.8*	203.2*
	Imports.....	7,058.7*	4,986.4*	4,146.9*	413.0*	123.4*	303.1*	2,072.3*	1,399.5*	664.6*	8.2*
1964....	Exports.....	7,683.3*	5,406.8*	4,499.2*	135.3*	130.6*	641.8*	2,276.4*	1,282.1*	774.5*	219.9*
	Imports.....	7,736.2*	5,346.3*	4,450.4*	314.2*	115.4*	466.3*	2,389.8*	1,734.4*	653.8*	1.6*
1965....	Exports.....	8,166.0*	5,554.8*	4,551.2*	191.7*	164.7*	647.3*	2,611.2*	1,432.4*	908.0*	270.8*
	Imports.....	8,053.7*	5,609.8*	4,672.6*	225.6*	118.9*	592.8*	2,443.9*	1,596.1*	844.4*	3.3*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Official Soviet statistics. Exports and imports are f.o.b.

<sup>b</sup> Other Communist countries include Yugoslavia in 1955-65, Mongolia in 1960-65, Albania in 1961-65, and Cuba in 1960-65. Mongolia is included in other Asian Communist countries before 1960, Albania is included in the Eastern European Communist countries before 1961, and Cuba is included in the less developed countries of the Free World before 1960.

Table 60  
Soviet Exports, by Commodity \*  
1955 and 1960-65

	1955		1960		1961		1962		1963		1964		1965	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total exports.....	3,426.6*	100.0*	5,561.6*		5,998.2*		7,030.5*		7,272.4*		7,683.3*		8,166.0*	100.0*
Machinery and equipment.....	599.0*	17.5*	1,141.2*		964.6*		1,168.5*		1,435.1*		1,612.8*		1,635.8*	20.0*
Complete plants.....	276.8*	8.1*	568.5*		355.8*		411.5*		554.9*		604.2*		613.5*	7.5*
Fuels, lubricants, and related materials.....	329.0*	9.6*	901.8*		1,044.8*		1,152.5*		1,289.3*		1,364.0*		1,386.5*	17.0*
Coal and coke.....	97.8*	2.9*	242.1*		284.9*		346.4*		376.6*		418.4*		384.3*	4.7*
Petroleum and petroleum products.....	230.1*	6.7*	657.9*		757.8*		803.7*		910.4*		943.1*		999.0*	12.2*
Ores and concentrates.....	115.4*	3.4*	242.9*		252.6*		273.6*		291.4*		313.8*		308.6*	3.8*
Iron ore.....	81.6*	2.4*	175.0*		187.8*		215.7*		235.9*		255.5*		249.2*	3.1*
Base metals and manufactures.....	432.4*	12.6*	837.7*		923.2*		1,010.3*		1,012.8*		1,254.9*		1,329.7*	16.3*
Ferrous metals.....	321.6*	9.4*	642.7*		712.1*		792.8*		794.1*		962.6*		998.0*	12.2*
Rolled ferrous metals.....	192.2*	5.6*	428.8*		478.2*		540.3*		551.2*		656.6*		659.4*	8.1*
Nonferrous metals.....	110.7*	3.2*	194.9*		211.1*		217.5*		218.7*		292.3*		331.8*	4.1*
Aluminum.....	25.9*	0.8*	44.7*		58.2*		77.6*		79.5*		113.4*		141.3*	1.7*
Tin.....	6.3*	0.2*	24.6*		12.2*		1.1*		1.7*		Negl.*		Negl.*	Negl.*
Chemicals.....	72.7*	2.1*	150.1*		173.9*		179.2*		192.9*		199.1*		242.7*	3.0*
Wood and wood products.....	174.5*	5.1*	305.1*		361.7*		420.4*		414.2*		506.3*		587.0*	7.2*
Lumber.....	94.3*	2.8*	182.8*		206.5*		221.3*		234.9*		281.8*		305.6*	3.7*
Textile raw materials and semimanufactures.....	346.7*	10.1*	358.6*		364.9*		341.5*		337.7*		382.1*		421.3*	5.2*
Cotton fiber.....	297.9*	8.7*	288.7*		283.8*		259.6*		243.5*		297.1*		334.7*	4.1*
Consumer goods.....	538.0*	15.7*	898.9*		1,010.5*		1,132.1*		1,156.3*		806.1*		892.8*	10.9*
Food.....	386.4*	11.3*	693.4*		796.5*		912.1*		908.2*		568.7*		652.4*	8.0*
Grain.....	283.5*	8.3*	467.8*		473.8*		529.4*		424.1*		241.9*		270.3*	3.3*
Other consumer goods.....	151.6*	4.4*	205.6*		214.0*		220.0*		248.2*		237.4*		240.4*	2.9*
Other merchandise.....	128.0*	3.7*	209.7*		229.6*		227.3*		225.9*		216.6*		247.5*	3.0*
Unspecified.....	691.1*	20.2*	515.6*		672.4*		1,125.1*		916.8*		1,027.6*		1,114.1*	13.6*

\* An asterisk indicates that the data are unclassified.

\* Official Soviet statistics. Exports are f.o.b.

Table 61

Soviet Imports, by Commodity \*  
1955 and 1960-65

	1955		1960		1961		1962		1963		1964		1965	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total imports.....	3,060.5*	100.0*	5,628.9*	100.0*	5,827.6*	100.0*	6,455.4*	100.0*	7,058.7*	100.0*	7,736.2*	100.0*	8,053.7*	100.0*
Machinery and equipment.....	925.3*	30.2*	1,675.2*	30.2*	1,734.5*	30.2*	2,245.0*	30.2*	2,466.0*	30.2*	2,664.9*	30.2*	2,687.7*	30.2*
Transportation equipment.....	383.5*	12.5*	660.1*	12.5*	534.3*	12.5*	748.2*	12.5*	847.2*	12.5*	996.9*	12.5*	990.0*	12.5*
Fuels, lubricants, and related materials.....	250.0*	8.2*	237.3*	8.2*	217.0*	8.2*	198.7*	8.2*	201.9*	8.2*	183.2*	8.2*	198.5*	8.2*
Coal and coke.....	126.9*	4.1*	93.5*	4.1*	93.6*	4.1*	95.3*	4.1*	97.3*	4.1*	96.9*	4.1*	123.0*	4.1*
Petroleum and petroleum products.....	123.1*	4.0*	143.7*	4.0*	123.4*	4.0*	103.5*	4.0*	104.6*	4.0*	86.3*	4.0*	75.5*	4.0*
Ores and concentrates.....	251.3*	8.2*	314.0*	8.2*	291.4*	8.2*	297.8*	8.2*	292.1*	8.2*	302.0*	8.2*	315.5*	8.2*
Base metals and manufactures.....	204.1*	6.7*	545.9*	6.7*	494.2*	6.7*	563.4*	6.7*	464.9*	6.7*	356.9*	6.7*	389.4*	6.7*
Ferrous metals.....	71.0*	2.3*	373.9*	2.3*	348.4*	2.3*	427.0*	2.3*	339.9*	2.3*	276.7*	2.3*	314.2*	2.3*
Rolled ferrous metals.....	16.1*	0.5*	178.8*	0.5*	160.4*	0.5*	192.7*	0.5*	169.5*	0.5*	136.4*	0.5*	132.2*	0.5*
Nonferrous metals.....	133.1*	4.3*	172.0*	4.3*	145.9*	4.3*	136.4*	4.3*	125.0*	4.3*	80.1*	4.3*	75.2*	4.3*
Tin.....	47.9*	1.6*	34.8*	1.6*	22.5*	1.6*	20.5*	1.6*	17.2*	1.6*	17.9*	1.6*	21.0*	1.6*
Copper.....	43.5*	1.4*	71.9*	1.4*	53.0*	1.4*	68.7*	1.4*	61.7*	1.4*	14.7*	1.4*	6.5*	1.4*
Chemicals.....	52.1*	1.7*	149.3*	1.7*	153.5*	1.7*	212.0*	1.7*	285.3*	1.7*	347.6*	1.7*	373.2*	1.7*
Rubber and rubber products.....	41.4*	1.4*	196.2*	1.4*	273.5*	1.4*	251.4*	1.4*	212.5*	1.4*	145.0*	1.4*	198.9*	1.4*
Wood and wood products.....	92.9*	3.0*	104.8*	3.0*	124.3*	3.0*	118.5*	3.0*	118.9*	3.0*	131.3*	3.0*	150.3*	3.0*
Textile raw materials and semimanufactures.....	166.4*	5.4*	364.5*	5.4*	303.4*	5.4*	282.8*	5.4*	338.8*	5.4*	292.9*	5.4*	357.9*	5.4*
Cotton fiber.....	20.1*	0.7*	179.9*	0.7*	130.1*	0.7*	118.6*	0.7*	170.0*	0.7*	118.0*	0.7*	161.7*	0.7*
Wool fiber.....	89.7*	2.9*	118.0*	2.9*	103.8*	2.9*	93.4*	2.9*	88.8*	2.9*	97.8*	2.9*	100.0*	2.9*
Consumer goods.....	667.3*	21.8*	1,572.2*	21.8*	1,777.7*	21.8*	1,826.7*	21.8*	2,112.9*	21.8*	2,639.3*	21.8*	2,658.8*	21.8*
Food.....	518.1*	16.9*	611.8*	16.9*	783.5*	16.9*	712.8*	16.9*	872.6*	16.9*	1,486.3*	16.9*	1,513.2*	16.9*
Wheat and wheat flour.....	2.6*	0.1*	9.6*	0.1*	46.3*	0.1*	5.5*	0.1*	237.1*	0.1*	576.9*	0.1*	424.7*	0.1*
Other consumer goods.....	149.2*	4.9*	960.4*	4.9*	994.2*	4.9*	1,113.9*	4.9*	1,240.3*	4.9*	1,153.0*	4.9*	1,145.6*	4.9*
Other merchandise.....	305.4*	10.0*	375.9*	10.0*	339.3*	10.0*	354.5*	10.0*	409.4*	10.0*	462.1*	10.0*	480.4*	10.0*
Unspecified.....	104.2*	3.4*	93.7*	3.4*	118.7*	3.4*	104.4*	3.4*	156.1*	3.4*	210.9*	3.4*	243.2*	3.4*

\* An asterisk indicates that the data are unclassified.

\* Official Soviet statistics. Imports are f.o.b.

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Table 62  
Soviet Exports to Eastern European Communist Countries •  
1955 and 1960-65

	1955		1960		1961		1962		1963		1964		1965	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total exports.....	1,792.1*	100.0*	3,117.7*		3,399.7*		3,971.1*		4,163.3*		4,499.2*		4,551.2*	100.0*
Machinery and equipment.....	304.4*	17.0*	414.0*		450.0*		606.6*		734.9*		786.9*		786.6*	17.3*
Complete plants.....	129.7*	7.2*	108.6*		108.0*		141.9*		184.2*		178.9*		213.0*	4.7*
Fuels, lubricants, and related materials.....	120.4*	6.7*	413.7*		485.8*		583.4*		655.2*		727.1*		738.1*	16.2*
Coal and coke.....	64.1*	3.6*	171.1*		204.0*		252.5*		265.1*		289.3*		265.3*	5.8*
Petroleum and petroleum products.....	55.1*	3.1*	240.7*		279.5*		328.4*		387.7*		435.4*		469.7*	10.3*
Ores and concentrates.....	102.3*	5.7*	206.6*		218.4*		245.8*		264.4*		284.6*		269.8*	5.9*
Iron ore.....	81.6*	4.6*	170.8*		184.1*		211.0*		230.4*		250.0*		241.3*	5.3*
Base metals and manufactures.....	249.6*	13.9*	584.1*		652.2*		727.1*		754.6*		907.7*		928.0*	20.4*
Ferrous metals.....	164.3*	9.2*	451.7*		506.8*		574.2*		598.5*		720.6*		717.7*	15.8*
Rolled ferrous metals.....	97.0*	5.4*	328.2*		373.5*		422.3*		447.8*		532.0*		523.5*	11.5*
Nonferrous metals.....	85.3*	4.8*	132.4*		148.0*		152.8*		156.0*		187.0*		210.4*	4.6*
Aluminum.....	17.2*	1.0*	30.6*		42.5*		49.7*		51.3*		70.7*		78.5*	1.7*
Tin.....	5.9*	0.3*	6.3*		7.8*		0.6*		N.A.*		N.A.*		N.A.*	N.A.*
Chemicals.....	36.1*	2.0*	65.4*		75.0*		83.3*		92.1*		111.4*		123.2*	2.7*
Wood and wood products.....	20.5*	1.1*	98.7*		118.0*		148.3*		139.4*		162.7*		186.0*	4.1*
Lumber.....	4.0*	0.2*	58.6*		68.8*		82.2*		83.0*		91.3*		100.5*	2.2*
Textile raw materials and semimanufactures.....	264.3*	14.8*	283.2*		293.0*		273.3*		273.6*		318.0*		321.7*	7.1*
Cotton fiber.....	233.8*	13.0*	224.0*		231.0*		215.2*		200.6*		249.9*		255.0*	5.6*
Consumer goods.....	288.7*	16.1*	573.2*		509.0*		638.9*		606.6*		391.1*		399.9*	8.8*
Food.....	262.3*	14.6*	497.7*		426.9*		547.4*		520.2*		321.5*		328.6*	7.2*
Grain.....	230.4*	12.9*	352.6*		275.0*		347.5*		297.0*		193.2*		200.3*	4.4*
Other consumer goods.....	26.4*	1.5*	75.6*		82.0*		91.5*		86.4*		69.6*		71.4*	1.6*
Other merchandise.....	65.0*	3.6*	94.6*		114.1*		116.1*		120.8*		127.9*		135.3*	3.0*
Unspecified.....	340.9*	19.0*	384.0*		484.3*		548.4*		521.9*		681.9*		662.4*	14.5*

\* An asterisk indicates that the data are unclassified.

• Official Soviet statistics. Exports are f.o.b.

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Table 63

Soviet Imports from Eastern European Communist Countries <sup>a</sup>  
1955 and 1960-65

	1955		1960		1961		1962		1963		1964		1965	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total imports.....	1,662.8*	100.0*	2,819.4*		3,044.1*		3,590.3*		4,146.9*		4,450.4*		4,672.6*	100.0*
Machinery and equipment.....	733.6*	44.1*	1,208.6*		1,245.2*		1,623.9*		1,858.5*		2,024.9*		2,113.7*	45.1*
Transportation equipment.....	274.6*	16.5*	532.2*		451.0*		579.5*		669.5*		725.8*		728.7*	15.6*
Fuels, lubricants, and related materials.....	233.9*	14.1*	215.7*		192.0*		182.6*		182.0*		175.1*		189.5*	4.1*
Coal and coke.....	121.4*	7.3*	90.9*		91.2*		91.9*		93.0*		93.2*		119.5*	2.6*
Petroleum and petroleum products.....	112.6*	6.8*	124.8*		100.8*		90.7*		88.5*		81.8*		70.0*	1.5*
Ores and concentrates.....	152.9*	9.2*	102.4*		91.9*		86.9*		95.9*		94.3*		88.5*	1.9*
Base metals and manufactures.....	37.2*	2.2*	94.8*		127.9*		144.8*		153.0*		171.9*		185.4*	4.0*
Ferrous metals.....	11.0*	0.7*	80.3*		110.9*		133.1*		139.1*		149.5*		163.2*	3.5*
Rolled ferrous metals.....	4.8*	0.3*	21.8*		35.2*		43.3*		50.0*		62.6*		69.6*	1.5*
Nonferrous metals.....	26.3*	1.6*	14.6*		17.0*		11.7*		13.9*		22.4*		22.1*	0.5*
Chemicals.....	37.9*	2.3*	72.8*		95.4*		133.0*		171.3*		206.5*		196.5*	4.2*
Rubber and rubber products.....	14.5*	0.9*	21.9*		24.2*		23.0*		25.4*		27.6*		26.5*	0.6*
Wood and wood products.....	36.8*	2.2*	45.2*		48.8*		48.4*		44.5*		41.5*		38.7*	0.8*
Textile raw materials and semimanufactures.....	6.5*	0.4*	8.3*		10.4*		11.5*		3.2*		3.8*		2.6*	0.1*
Consumer goods.....	190.8*	11.5*	667.3*		799.7*		902.1*		1,103.3*		1,089.9*		1,169.3*	25.0*
Food.....	115.9*	7.0*	171.2*		250.2*		221.8*		262.0*		256.3*		304.0*	6.5*
Other consumer goods.....	74.9*	4.5*	496.0*		549.4*		680.3*		841.3*		833.6*		865.3*	18.5*
Other merchandise.....	88.1*	5.3*	126.0*		132.4*		133.4*		162.8*		185.9*		168.0*	3.6*
Unspecified.....	130.6*	7.8*	255.8*		276.1*		300.7*		347.1*		429.0*		493.9*	10.6*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Official Soviet statistics. Imports are f.o.b.

Table 64  
Soviet Exports to Communist China \*  
1955 and 1960-65

	1955		1960		1961		1962		1963		1964		1965	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total exports.....	748.3*	100.0*	817.1*		367.3*		233.4*		187.2*		135.3*		191.7*	100.0*
Machinery and equipment.....	229.6*	30.7*	503.9*		108.1*		27.3*		42.2*		57.7*		77.0*	40.2*
Complete plants.....	141.5*	18.9*	373.8*		78.9*		8.8*		14.6*		12.4*		3.9*	2.0*
Fuels, lubricants, and related materials.....	79.0*	10.6*	113.1*		120.7*		80.5*		60.7*		21.6*		2.2*	1.1*
Petroleum and petroleum products.....	79.0*	10.6*	113.1*		120.7*		80.5*		60.7*		21.6*		2.2*	1.1*
Base metals and manufactures.....	88.5*	11.8*	69.8*		41.2*		33.8*		32.3*		23.9*		38.4*	20.0*
Ferrous metals.....	75.7*	10.1*	59.3*		34.7*		28.2*		27.4*		20.8*		34.7*	18.1*
Rolled ferrous metals.....	53.7*	7.2*	39.2*		19.3*		17.9*		17.9*		15.6*		27.6*	14.4*
Nonferrous metals.....	12.7*	1.7*	10.5*		6.5*		5.6*		4.9*		3.1*		3.8*	2.0*
Aluminum.....	2.6*	0.3*	2.6*		1.6*		1.2*		0.9*		0.1*		0.1*	0.1*
Chemicals.....	5.0*	0.7*	9.4*		2.1*		4.7*		4.4*		5.5*		15.4*	8.0*
Wood and wood products.....	12.2*	1.6*	0.8*		2.9*		10.4*		10.3*		10.3*		30.1*	15.7*
Consumer goods.....	6.3*	0.8*	4.4*		67.2*		30.6*		14.2*		7.2*		1.4*	0.7*
Food.....	1.0*	0.1*	Negl.*		63.8*		20.8*		0.7*		0.1*		Negl.*	Negl.*
Other consumer goods.....	5.3*	0.7*	4.4*		3.4*		9.9*		13.5*		7.1*		1.4*	0.7*
Other merchandise.....	5.8*	0.8*	8.7*		6.1*		1.0*		2.0*		1.0*		2.6*	1.4*
Unspecified.....	322.0*	43.0*	107.0*		19.1*		45.1*		21.2*		8.2*		24.5*	12.8*

\* An asterisk indicates that the data are unclassified.

\* Official Soviet statistics. Exports are f.o.b.

Table 65

Soviet Imports from Communist China \*  
1955 and 1960-65

	1955		1960		1961		1962		1963		1964		1965	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total imports.....	643.6*	100.0*	848.1*		551.4*		516.3*		413.0*		314.2*		225.6*	100.0*
Machinery and equipment.....	10.3*	1.6*	0.7*		0.3*		8.7*		6.9*		5.8*		N.A.*	N.A.*
Fuels, lubricants, and related materials.....	5.0*	0.8*	2.6*		2.4*		2.7*		2.8*		2.7*		2.7*	1.2*
Coal and coke.....	5.0*	0.8*	2.6*		2.4*		2.7*		2.8*		2.7*		2.7*	1.2*
Ores and concentrates.....	62.2*	9.7*	61.2*		48.3*		35.3*		25.9*		13.2*		11.6*	5.1*
Base metals and manufactures.....	82.5*	12.8*	61.7*		42.9*		32.5*		23.4*		13.7*		1.4*	0.6*
Ferrous metals.....	26.3*	4.1*	12.8*		8.7*		6.6*		10.9*		10.6*		N.A.*	N.A.*
Nonferrous metals.....	56.2*	8.7*	48.9*		34.2*		25.9*		12.5*		3.1*		1.4*	0.6*
Tin.....	47.9*	7.4*	34.8*		22.4*		17.5*		8.7*		2.3*		1.0*	0.4*
Chemicals.....	7.7*	1.2*	14.3*		7.9*		5.5*		7.6*		12.3*		5.6*	2.5*
Wood and wood products.....	0.4*	0.1*	1.0*		0.3*		0.3*		0.3*		0.4*		0.4*	0.2*
Rubber and rubber products.....	0.7*	0.1*	11.6*		3.4*		4.9*		3.5*		2.1*		4.4*	2.0*
Textile raw materials and semimanufactures.....	59.5*	9.2*	65.3*		22.9*		13.9*		8.6*		6.7*		3.6*	1.6*
Cotton fiber.....	N.A.*	N.A.*	33.9*		8.0*		5.9*		N.A.*		N.A.*		N.A.*	N.A.*
Wool fiber.....	23.6*	3.7*	19.4*		10.4*		7.9*		8.1*		6.2*		3.1*	1.4*
Consumer goods.....	246.7*	38.3*	518.4*		360.6*		382.3*		309.6*		230.0*		172.9*	76.6*
Food.....	183.5*	28.5*	127.9*		17.4*		38.1*		21.9*		51.9*		78.2*	34.7*
Other consumer goods.....	63.2*	9.8*	390.5*		343.2*		344.2*		287.7*		178.1*		94.7*	42.0*
Other merchandise.....	168.4*	26.2*	96.6*		31.0*		26.6*		19.0*		15.5*		13.4*	5.9*
Unspecified.....	0.1*	Negl.*	14.7*		31.4*		3.6*		5.5*		11.8*		9.6*	4.3*

\* An asterisk indicates that the data are unclassified.

\* Official Soviet statistics. Imports are f.o.b.

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Table 66  
Soviet Exports to Developed Countries of the Free World \*  
1955 and 1960-65

	1955		1960		1961		1962		1963		1964		1965	
	Value	Percent	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Percent
Total exports.....	554.1*	100.0*	983.2*	1,069.3*	1,115.2*	1,218.1*	1,282.1*	1,432.4*	100.0*					
Fuels, lubricants, and related materials.....	79.0*	14.3*	253.3*	286.3*	327.3*	389.5*	401.8*	390.6*	27.3*					
Coal and coke.....	27.4*	4.9*	57.1*	65.1*	77.7*	98.3*	109.3*	100.0*	7.0*					
Petroleum and petroleum products.....	51.6*	9.3*	196.1*	221.1*	249.7*	291.2*	292.5*	290.6*	20.3*					
Ores and concentrates.....	12.8*	2.3*	33.1*	31.4*	25.1*	25.6*	28.2*	37.4*	2.6*					
Manganese ore.....	7.7*	1.4*	14.9*	13.3*	9.1*	7.7*	6.9*	8.3*	0.6*					
Base metals and manufactures.....	52.7*	9.5*	112.4*	120.5*	120.7*	116.9*	189.6*	202.5*	14.1*					
Ferrous metals.....	42.7*	7.7*	72.0*	81.5*	85.4*	84.4*	114.5*	120.1*	8.4*					
Pig iron.....	24.9*	4.5*	34.7*	40.6*	46.0*	41.5*	48.1*	51.0*	3.6*					
Rolled ferrous metals.....	8.1*	1.5*	19.7*	24.5*	26.4*	28.3*	37.1*	28.4*	2.0*					
Nonferrous metals.....	10.0*	1.8*	40.3*	39.0*	35.3*	32.5*	75.0*	82.4*	5.8*					
Tin.....	N.A.*	N.A.*	13.1*	1.8*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*					
Aluminum.....	2.8*	0.5*	7.3*	7.2*	15.6*	14.8*	26.0*	31.0*	2.2*					
Wood and wood products.....	115.7*	20.9*	158.4*	178.0*	202.1*	211.1*	272.6*	291.5*	20.4*					
Lumber.....	74.4*	13.4*	100.2*	107.4*	110.5*	125.3*	158.8*	159.6*	11.1*					
Textile raw materials and semimanufactures.....	65.5*	11.8*	70.4*	52.1*	52.6*	48.4*	45.8*	75.4*	5.3*					
Cotton fiber.....	47.5*	8.6*	50.3*	34.7*	32.0*	29.7*	31.4*	58.9*	4.1*					
Consumer goods.....	108.8*	19.6*	168.6*	206.9*	188.9*	218.1*	146.6*	168.1*	11.7*					
Food.....	71.5*	12.9*	117.8*	158.5*	134.5*	139.5*	71.9*	90.5*	6.3*					
Grain.....	47.5*	8.6*	85.3*	128.2*	94.0*	70.4*	16.3*	19.6*	1.4*					
Other consumer goods.....	37.3*	6.7*	50.8*	48.4*	54.3*	78.5*	74.7*	77.6*	5.4*					
Furs and pelts.....	35.6*	6.4*	44.3*	41.4*	46.2*	66.8*	56.1*	54.4*	3.8*					
Other merchandise.....	69.6*	12.6*	148.0*	130.3*	123.5*	109.6*	92.8*	120.5*	8.4*					
Unspecified.....	49.8*	9.0*	38.8*	63.7*	74.8*	98.9*	104.7*	146.4*	10.2*					

\* An asterisk indicates that the data are unclassified.

\* Official Soviet statistics. Exports are f.o.b.

Table 67  
Soviet Imports from Developed Countries of the Free World <sup>a</sup>  
1955 and 1960-65

	1955		1960		1961		1962		1963		1964		1965	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total imports.....	440.7*	100.0*	1,080.0*		1,092.7*		1,282.8*		1,399.5*		1,734.4*		1,596.1*	100.0*
Machinery and equipment.....	181.4*	41.2*	455.9*		469.8*		601.8*		588.6*		621.0*		505.5*	31.7*
Chemical equipment.....	Negl.*		136.4*		133.9*		87.8*		124.0*		113.1*		110.5*	6.9*
Transportation equipment.....	98.5*	22.4*	121.1*		68.1*		150.1*		163.4*		256.2*		196.0*	12.3*
Base metals and manufactures.....	53.8*	12.2*	303.2*		241.9*		295.4*		187.9*		73.6*		115.0*	7.2*
Ferrous metals.....	12.7*	2.9*	252.1*		192.9*		242.8*		137.5*		63.9*		105.3*	6.6*
Rolled ferrous metals.....	8.1*	1.8*	135.7*		96.5*		109.9*		76.3*		30.3*		26.0*	1.6*
Pipes.....	1.3*	0.3*	101.9*		80.7*		119.6*		48.9*		29.5*		70.7*	4.4*
Nonferrous metals.....	41.1*	9.3*	51.1*		49.0*		52.5*		50.4*		9.7*		9.7*	0.6*
Copper.....	40.2*	9.1*	38.2*		32.0*		44.9*		38.1*		4.3*		N.A.*	N.A.*
Wood and wood products.....	48.9*	11.1*	52.2*		70.1*		64.8*		66.7*		78.3*		100.0*	6.3*
Textile raw materials and semimanufactures.....	29.6*	6.7*	79.5*		83.8*		77.8*		88.5*		75.7*		89.4*	5.6*
Wool fiber.....	18.4*	4.2*	48.1*		37.1*		29.5*		41.9*		40.3*		38.4*	2.4*
Synthetic fiber.....	7.3*	1.7*	12.9*		28.7*		30.7*		32.0*		26.3*		29.7*	1.9*
Consumer goods.....	55.5*	12.6*	54.6*		78.7*		72.7*		245.1*		641.1*		484.4*	30.3*
Wheat and wheat flour.....	N.A.*		N.A.*		30.8*		N.A.*		187.4*		543.1*		366.4*	23.0*
Other merchandise.....	31.2*	7.1*	118.0*		126.5*		151.3*		185.0*		198.3*		263.0*	16.5*
Unspecified.....	40.2*	9.1*	16.7*		22.0*		19.1*		37.9*		45.9*		38.8*	2.4*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup>-Official Soviet statistics. Imports are f.o.b.

Table 68  
Soviet Exports to Less Developed Countries of the Free World \*  
1955 and 1960-65

	1955		1960		1961		1962		1963		1964		1965	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total exports.....	102.1*	100.0*	335.2*		498.1*		559.9*		751.3*		774.5*		908.0*	100.0*
Machinery and equipment.....	5.1*	5.0*	125.4*		236.0*		285.9*		360.5*		462.6*		471.1*	51.9*
Complete plants.....	1.1*	1.1*	68.6*		138.8*		182.5*		220.9*		297.2*		284.1*	31.3*
Petroleum and petroleum products.....	25.5*	25.0*	53.9*		60.3*		56.4*		74.3*		90.8*		131.6*	14.5*
Rolled ferrous metals.....	16.2*	15.9*	23.4*		23.0*		31.7*		23.3*		31.4*		39.7*	4.4*
Wood and wood products.....	13.8*	13.5*	37.9*		37.4*		33.6*		35.7*		39.8*		52.7*	5.8*
Food.....	11.6*	11.4*	38.9*		47.3*		68.7*		98.2*		45.9*		63.4*	7.0*
Other merchandise.....	26.6*	26.1*	49.7*		56.2*		65.2*		63.3*		74.5*		94.1*	10.4*
Unspecified.....	3.4*	3.3*	6.2*		38.2*		18.5*		96.4*		29.4*		55.6*	6.1*

\* An asterisk indicates that the data are unclassified.

\* Official Soviet statistics. Exports are f.o.b.

Table 69  
Soviet Imports from Less Developed Countries of the Free World \*  
1955 and 1960-65

	1955		1960		1961		1962		1963		1964		1965	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total imports.....	200.4*	100.0*	564.3*		578.9*		603.4*		664.6*		653.8*		844.4*	100.0*
Cotton fiber.....	18.9*	9.4*	139.4*		122.0*		112.4*		167.7*		117.4*		161.7*	19.1*
Natural rubber.....	25.5*	12.7*	151.8*		224.8*		205.9*		163.3*		92.8*		137.1*	16.2*
Food.....	93.0*	46.4*	112.8*		94.0*		130.8*		148.9*		215.8*		286.9*	34.0*
Nonferrous metals.....	0.2*	0.1*	33.3*		19.9*		22.9*		20.0*		13.5*		11.7*	1.4*
Other merchandise.....	47.3*	23.6*	126.5*		115.3*		130.5*		163.0*		206.9*		242.1*	28.7*
Unspecified.....	15.5*	7.7*	0.7*		2.8*		0.9*		1.7*		7.3*		5.0*	0.6*

\* An asterisk indicates that the data are unclassified.

\* Official Soviet statistics. Imports are f.o.b.

UNCLASSIFIED

CLASSIFIED MATERIAL ON THE REVERSE

Table 70

Soviet Exports of Petroleum <sup>a</sup>  
1955 and 1960-66

	1955	1960	1961	1962	1963	1964	1965	1966 <sup>b</sup>
	Million Metric Tons							
Total petroleum.....	8.0*	33.2*	41.2*	45.4*	51.4*	56.6*	64.4*	70.2
Free World.....	3.8*	18.0*	22.8*	24.7*	28.4*	31.3*	35.5*	39.2
Communist Countries.....	4.2*	15.2*	18.4*	20.7*	23.0*	25.3*	28.9*	31.0
Crude oil.....	2.9*	17.8*	23.4*	26.3*	30.2*	36.7*	43.4*	49.1
Free World.....	0.7*	9.0*	13.3*	13.6*	15.4*	18.8*	21.0*	23.6
Communist Countries.....	2.2*	8.8*	10.1*	12.7*	14.8*	17.9*	22.4*	25.5
Petroleum products.....	5.1*	15.4*	17.8*	19.1*	21.1*	19.9*	21.0*	21.1
Free World.....	3.1*	9.0*	9.5*	11.1*	13.0*	12.5*	14.5*	15.6
Communist Countries.....	2.0*	6.4*	8.3*	8.0*	8.2*	7.4*	6.5*	5.5
	Million US \$							
Total petroleum.....	230.1*	657.9*	757.8*	803.7*	910.4*	943.1*	998.2*	1,073
Free World.....	79.7*	250.1*	281.7*	306.3*	365.7*	383.6*	422.0*	477
Communist Countries.....	150.4*	407.8*	476.1*	497.4*	544.7*	559.5*	576.2*	596
Crude oil.....	64.1*	275.7*	321.5*	364.5*	432.5*	528.5*	611.4*	687
Free World.....	10.4*	101.5*	134.3*	135.2*	156.6*	193.0*	214.4*	239
Communist Countries.....	53.7*	174.2*	187.2*	229.3*	275.9*	335.5*	397.0*	448
Petroleum products.....	166.0*	382.2*	436.3*	439.2*	477.9*	414.6*	386.6*	386
Free World.....	69.3*	148.6*	147.4*	171.1*	209.1*	190.7*	207.5*	238
Communist Countries.....	96.7*	233.6*	288.9*	268.1*	268.8*	224.0*	179.1*	148

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data for 1955 and 1960-65 for exports of total petroleum, crude oil, and petroleum products and for exports to the Communist countries are official Soviet statistics. Data for the Free World are derived as residuals and include exports for which the importing country is not specified. Therefore, the values in this table will differ slightly from the sum of the data from Table 66, p. 66, and Table 68, p. 68. Cuba is included in the Free World in 1955 and in the Communist countries in 1960-66.

<sup>b</sup> Estimated. Value data are based on constant 1965 average prices.

SECRET

TRADE

Table 71

Soviet Imports of Chemical Equipment  
1955 and 1960-65

Million New Rubles \*

	1955	1960	1961	1962	1963	1964	1965
Total <sup>b</sup> . . . . .	22.1*	167.0*	171.0*	141.8*	190.2*	186.4*	187.4*
Eastern Europe . . . . .	22.1*	44.2*	50.5*	62.8*	78.6*	84.5*	87.9*
Of which:							
Czechoslovakia . . . . .	11.0*	21.9*	25.0* °	29.9*	45.0* °	47.1*	43.8*
East Germany . . . . .	10.4*	16.6*	15.0* °	20.0* °	16.0* °	15.5*	16.0*
Developed Countries . . . . .	Negl.*	122.8*	120.5*	79.0*	111.6*	101.8*	99.5*
Of which:							
France . . . . .	N.A.*	15.9*	16.6*	16.3*	11.9*	4.5*	12.1*
Italy . . . . .	N.A.*	20.6*	25.3*	13.0*	26.1*	5.9*	15.1*
Japan . . . . .	N.A.*	3.6*	7.6*	3.8*	16.4*	4.6*	5.9*
UK . . . . .	N.A.*	35.3*	37.2*	16.0*	27.2*	26.7*	39.3*
West Germany . . . . .	N.A.*	37.4*	18.7*	7.7*	17.1*	52.9*	16.5*

\* An asterisk indicates that the data are unclassified.

° Rubles may be converted to US dollars on the basis of a nominal rate of exchange based on the gold content of the respective currencies of 0.90 ruble to US \$1.

<sup>b</sup> The slight discrepancy between the total and the components is unaccounted for in official Soviet statistics.

° Estimated.

Table 72

Chinese Communist Foreign Trade  
1955-66

Million US \$ \*

	Total Foreign Trade			Trade with Communist Countries			Trade with the Free World		
	Total	Exports	Imports	Total	Exports	Imports	Total	Exports	Imports
1955 . . . . .	3,040	1,355	1,685	2,255	945	1,310	785	410	375
1956 . . . . .	3,120	1,640	1,480	2,055	1,055	1,000	1,065	585	480
1957 . . . . .	3,025	1,590	1,435	1,935	1,065	870	1,090	530	560
1958 . . . . .	3,740	1,915	1,825	2,355	1,250	1,100	1,385	660	725
1959 . . . . .	4,265	2,205	2,065	2,960	1,590	1,370	1,310	615	695
1960 . . . . .	3,975	1,945	2,025	2,600	1,320	1,280	1,370	625	745
1961 . . . . .	3,015	1,520	1,490	1,675	960	715	1,335	560	775
1962 . . . . .	2,670	1,520	1,150	1,405	915	490	1,265	605	660
1963 . . . . .	2,755	1,560	1,200	1,250	820	430	1,510	740	770
1964 . . . . .	3,200	1,725	1,470	1,100	710	390	2,100	1,015	1,080
1965 . . . . .	3,765	1,905	1,860	1,165	650	515	2,605	1,255	1,345
1966 <sup>b</sup> . . . . .	4,200	2,155	2,045	1,115	600	515	3,085	1,555	1,530

\* Rounded to the nearest US \$5 million.

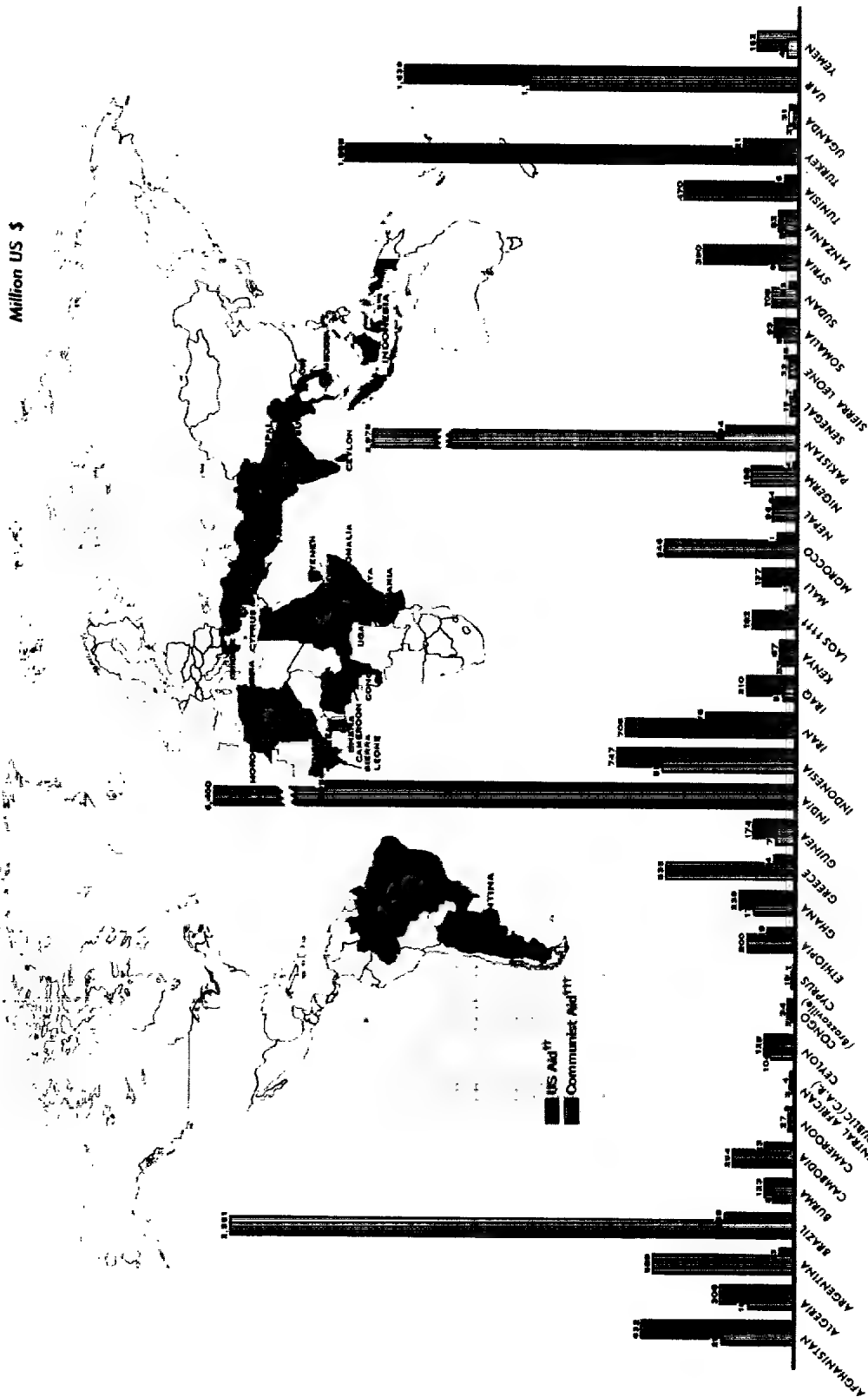
<sup>b</sup> Preliminary estimates.

SECRET

Graphic 1

**SECRET**

US AND COMMUNIST ECONOMIC AID EXTENDED TO LESS DEVELOPED COUNTRIES OF THE FREE WORLD, BY RECIPIENT, 1954-66†



††Data are for extensions, not actual drawings, and include credits and grants.

†††Credits extended after the formation of the Laos Coalition Government under the Geneva Accord of July 1961.

††Including economic and technical assistance and defense support under the Foreign Assistance Act and subsequent legislation. Funds earmarked for shipments of surplus agricultural products authorized long-term Export-Import Bank loans, and US contributions to international organizations.

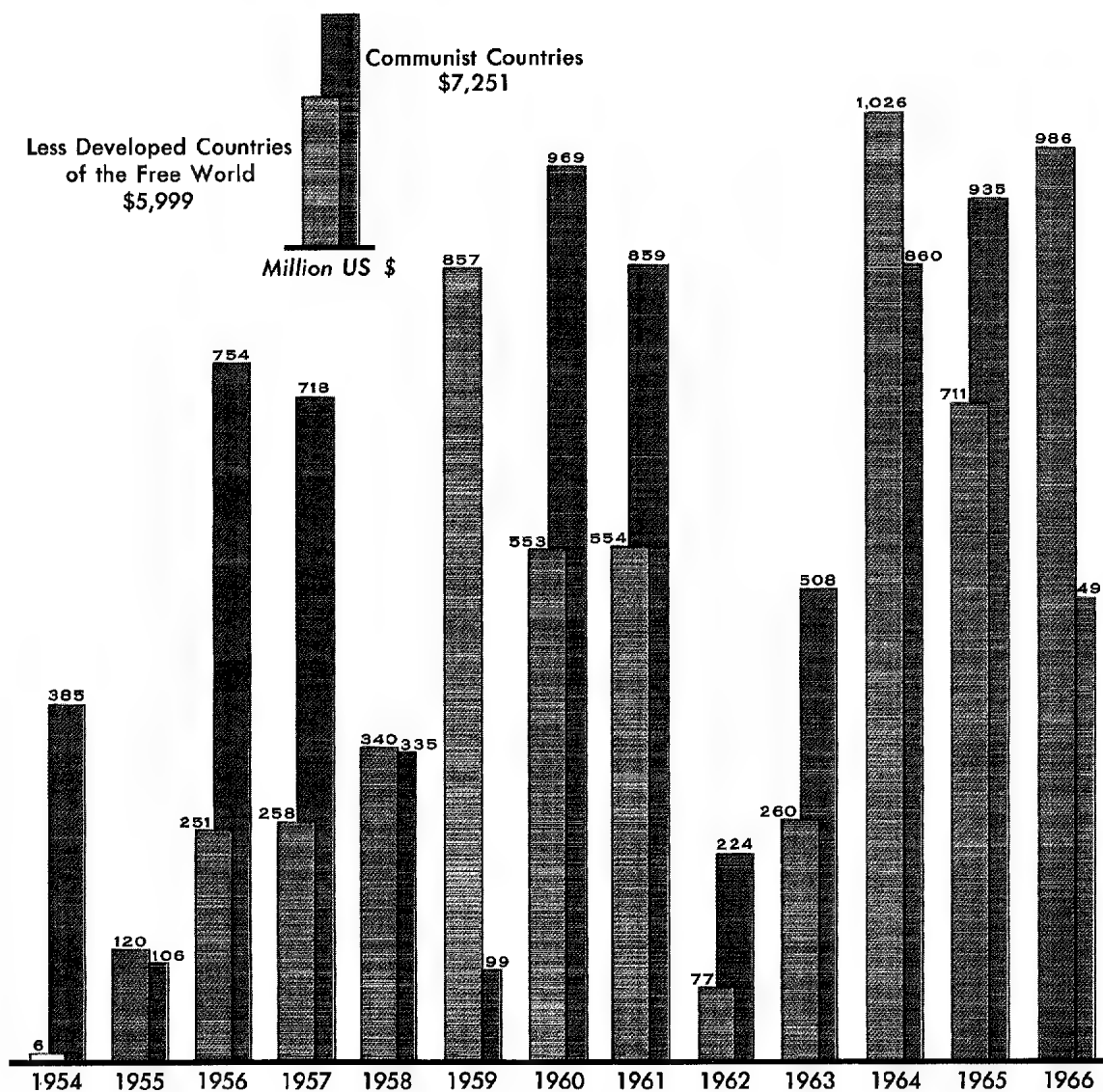
†For comparison, this graphic comprises only the less developed countries to which both US aid and Communist aid were extended (all those to which Communist aid was extended but not all to which US aid was extended). US data are for 1 July 1964 to 1 July 1966. Data for Communist countries include extensions of US \$1.7 million made to Afghanistan in January 1964.

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**SECRET**

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## SOVIET ECONOMIC AID EXTENDED 1954-66

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NO FOREIGN DISSEM

GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING AND  
DECLASSIFICATION

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Table 73

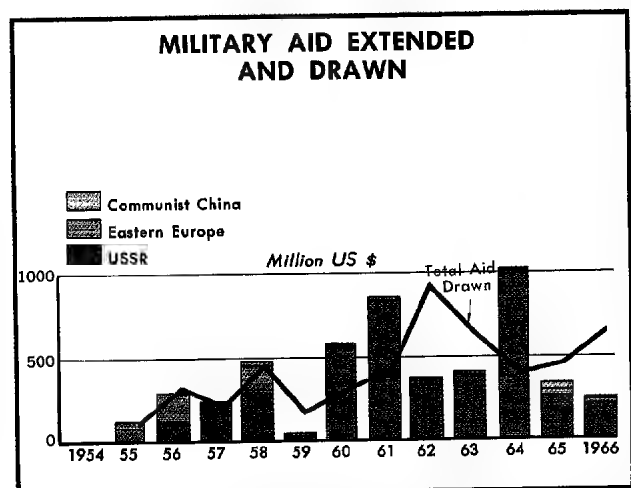
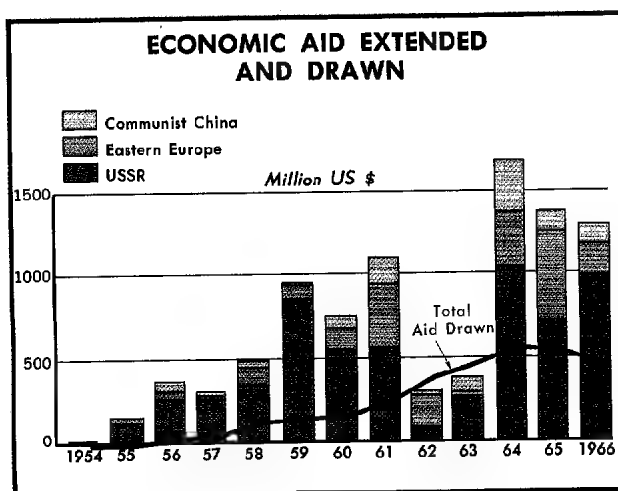
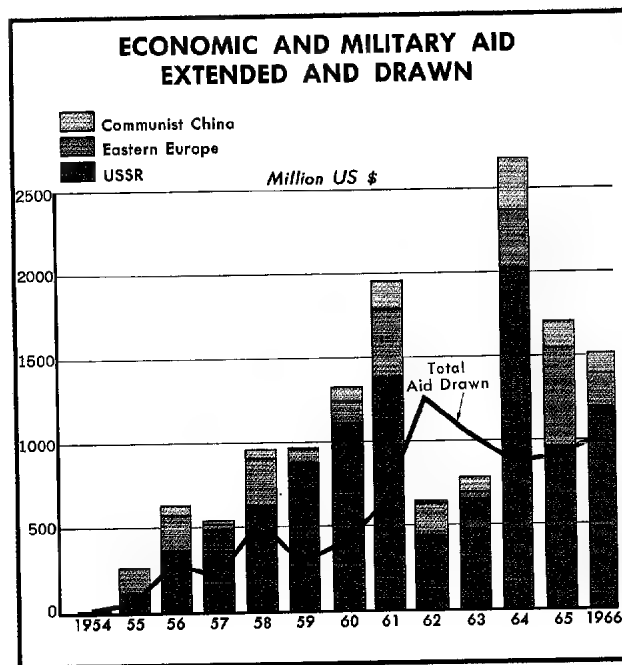
Communist Economic and Military Aid to Less Developed Countries of the Free World, Extensions and Drawings  
1954-66

Million US \$

	Total		USSR		Eastern Europe		Communist China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
1954.....	10.8	1.0	5.8	1.0	5.0	0	0	0
1955.....	267.2	55.7	119.9	2.7	147.3	53.0	0	0
1956.....	635.0	283.2	367.8	23.8	210.8	238.5	56.4	20.9
1957.....	535.4	190.2	495.5	169.4	24.1	19.7	15.8	7.1
1958.....	955.6	508.7	618.0	293.2	282.2	199.4	55.4	16.1
1959.....	975.1	261.5	886.8	205.1	82.1	18.3	6.2	38.1
1960.....	1,320.1	392.7	1,109.0	344.7	130.6	32.4	80.5	15.6
1961.....	1,950.0	583.4	1,385.6	514.6	401.4	57.6	163.0	11.2
1962.....	652.6	1,210.2	447.8	1,098.3	188.5	99.3	16.3	12.6
1963.....	762.5	990.1	645.7	913.7	28.7	60.8	88.1	21.6
1964.....	2,667.9	825.3	2,009.8	656.2	341.7	122.2	316.4	46.9
1965.....	1,698.6	855.8	958.7	684.2	578.5	98.8	161.4	72.8
1966.....	1,506.3	957.9	1,191.3	740.8	194.1	117.4	120.9	99.7
Total.....	13,937.1	7,127.7	10,241.7	6,647.7	2,615.0	1,117.4	1,080.4	362.6

**SECRET**

## COMMUNIST ECONOMIC AND MILITARY AID TO LESS DEVELOPED COUNTRIES OF THE FREE WORLD EXTENSIONS AND DRAWINGS, 1954-66



**SECRET**  
NO FOREIGN DISSEM

Table 74

Communist Military Aid Extended to Less Developed Countries  
 of the Free World, by Recipient  
 Total for 1955-66

Recipient Country	Million US \$
	1955-66
Total .....	4,893
Afghanistan .....	239
Algeria .....	223
Cambodia .....	14
Congo (Brazzaville) .....	2
Cyprus .....	29
Ghana .....	10
Guinea .....	11
India .....	508
Indonesia .....	1,336
Iraq .....	564
Mali .....	4
Morocco .....	13
Pakistan .....	40
Somalia .....	35
Syria .....	372
Tanzania .....	6
Uganda .....	10
United Arab Republic .....	1,389
Yemen .....	88

Table 75

Communist Economic Aid to Less Developed Countries of the Free World, Extensions and Drawings  
 1954-66

Million US \$

	Total		USSR		Eastern Europe		Communist China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
1954.....	10.8	1.0	5.8	1.0	5.0	0	0	0
1955.....	152.2	2.7	119.9	2.7	32.3	0	0	0
1956.....	349.0	37.2	250.8	8.8	41.8	7.5	56.4	20.9
1957.....	297.4	60.2	257.5	33.4	24.1	19.7	15.8	7.1
1958.....	482.6	131.7	337.0	98.2	111.2	28.4	34.4	5.1
1959.....	939.1	152.5	856.8	110.1	81.1	17.3	1.2	25.1
1960.....	751.1	150.7	553.0	108.7	124.6	32.4	73.5	9.6
1961.....	1,103.0	242.4	553.6	187.6	386.4	46.6	163.0	8.2
1962.....	281.6	360.2	76.8	258.3	188.5	89.3	16.3	12.6
1963.....	373.5	443.1	261.7	360.7	23.7	60.8	88.1	21.6
1964.....	1,664.9	532.3	1,025.8	371.2	326.7	116.2	312.4	44.9
1965.....	1,363.6	509.8	710.7	349.2	535.5	89.8	117.4	70.8
1966.....	1,275.3	417.9	979.3	290.8	179.1	74.4	116.9	52.7
Total.....	9,044.1	3,041.7	5,988.7	2,180.7	2,060.0	582.4	995.4	278.6

Table 76  
Communist Economic Aid Extended to Selected Less Developed Countries of the Free World, by Recipient and Donor  
1954-66

Million US \$															
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	Total Eco- nomic Aid Ex- tended	Per- cent of Total
India															
USSR and Eastern Europe.	121.4	26.4	127.0	34.0	468.5	31.6	140.9	32.5	308.7	23.8	641.7	1,956.5	22		
United Arab Republic															
USSR and Eastern Europe.	9.8	5.1	16.5	302.2	.....	259.0	17.3	74.4	46.2	568.1	255.4	1,554.0	17		
Communist China.	.....	4.7	.....	.....	.....	.....	.....	.....	.....	80.0	.....	84.7	1		
Indonesia															
USSR and Eastern Europe.	8.6	120.3	.....	40.1	21.8	244.0	115.5	.....	5.6	61.1	6.3	623.3	7		
Communist China.	.....	16.2	.....	11.2	.....	.....	30.0	.....	.....	.....	66.0	123.4	1		
Afghanistan															
USSR and Eastern Europe.	10.8	.....	100.0	15.8	.....	131.8	3.5	197.3	35.9	51.5	37.2	14.1	5.6	603.5	7
Communist China.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28.0	.....	28.0	Negl.
Syria															
USSR and Eastern Europe.	6.1	3.6	113.2	.....	.....	2.8	.....	.....	.....	.....	5.2	51.1	191.8	373.8	4
Communist China.	.....	.....	.....	.....	.....	.....	.....	.....	.....	16.3	.....	.....	.....	16.3	Negl.
Iran															
USSR and Eastern Europe.	.....	.....	.....	.....	2.5	3.6	.....	.....	0.5	38.9	16.7	313.9	.....	376.1	4
Algeria															
USSR and Eastern Europe.	.....	.....	.....	.....	.....	.....	.....	.....	2.0	106.0	146.5	.....	1.1	255.6	3
Communist China.	.....	.....	.....	.....	.....	.....	.....	.....	1.8	50.0	.....	0.2	.....	52.0	1
Pakistan															
USSR and Eastern Europe.	.....	.....	3.2	.....	.....	.....	.....	30.0	.....	.....	39.0	50.0	112.0	234.2	3
Communist China.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60.0	.....	.....	60.0	1
Brazil															
USSR and Eastern Europe.	.....	.....	2.0	.....	.....	1.5	110.0	70.0	.....	.....	.....	3.0	102.9	289.4	3
Ghana															
USSR and Eastern Europe.	.....	.....	.....	.....	.....	46.8	130.1	.....	.....	.....	.....	20.2	.....	197.1	2
Communist China.	.....	.....	.....	.....	.....	.....	19.6	.....	.....	.....	22.4	.....	.....	42.0	Negl.
Turkey															
USSR and Eastern Europe.	.....	5.0	0.8	3.1	8.6	3.0	.....	.....	.....	0.8	.....	200.0	.....	221.3	2
Other															
USSR and Eastern Europe.	.....	1.3	31.2	6.0	60.8	307.7	89.9	198.9	50.0	36.4	170.0	308.4	103.3	1,363.9	15
Communist China.	.....	.....	35.5	15.8	23.2	1.2	73.5	113.4	14.5	21.8	150.0	23.2	116.9	589.0	7
Total.	10.8	152.2	349.0	297.4	482.6	939.1	751.1	1,103.0	281.6	373.5	1,664.9	1,363.6	1,275.3	9,044.1	100
USSR and Eastern Europe.	10.8	152.2	292.6	281.6	448.2	937.9	677.6	940.0	265.3	285.4	1,352.5	1,246.2	1,158.4	8,048.7	89
Communist China.	0	0	56.4	15.8	34.4	1.2	73.5	163.0	16.3	88.1	312.4	117.4	116.9	995.4	11

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NO FOREIGN DISSEM

Table 77

Communist Military Aid to Less Developed Countries of the Free World, Extensions and Drawings  
 1955-66

Million US \$

	Total		USSR		Eastern Europe		Communist China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
1955.....	115	53	.....	.....	115	53	.....	.....
1956.....	286	246	117	15	169	231	.....	.....
1957.....	238	136	238	136	.....	.....	.....	.....
1958.....	473	377	281	195	171	171	21	11
1959.....	36	109	30	95	1	1	5	13
1960.....	569	242	556	236	6	.....	7	6
1961.....	847	341	832	327	15	11	.....	3
1962.....	371	850	371	840	.....	10	.....	.....
1963.....	389	553	384	553	5	.....	.....	.....
1964.....	1,003	293	984	285	15	6	4	2
1965.....	335	346	248	335	43	9	44	2
1966.....	231	540	212	450	15	43	4	47
Total.....	4,893	4,086	4,253	3,467	555	535	85	84

NO FOREIGN DISSEM

Table 78  
Communist Military Aid Extended to Selected Less Developed Countries of the Free World, by Recipient and Donor  
1955-66

	Million US \$											Total Military Aid Ex- tended	Percent of Total
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	
United Arab Republic													
USSR and Eastern Europe.....	115	100	155	60	.....	150	270	150	100	250	25	14	28
Indonesia													
USSR and Eastern Europe.....	.....	.....	8	171	5	283	459	93	51	219	26	.....	27
Communist China.....	.....	.....	.....	21	.....	.....	.....	.....	.....	.....	.....	.....	Negl.
Iraq													
USSR and Eastern Europe.....	.....	.....	.....	131	.....	98	113	.....	.....	41	.....	181	12
India													
USSR and Eastern Europe.....	.....	.....	.....	.....	.....	13	2	31	60	284	118	.....	10
Syria													
USSR and Eastern Europe.....	.....	77	75	90	.....	.....	.....	60	5	35	5	25	8
Afghanistan													
USSR and Eastern Europe.....	.....	82	.....	.....	25	7	.....	.....	.....	125	.....	.....	5
Algeria													
USSR and Eastern Europe.....	.....	.....	.....	.....	.....	.....	1	3	107	.....	100	.....	4
Communist China.....	.....	.....	.....	.....	5	7	.....	.....	.....	.....	.....	.....	Negl.
Yemen													
USSR and Eastern Europe.....	.....	27	.....	.....	.....	.....	.....	20	30	11	.....	.....	2
Other													
USSR and Eastern Europe.....	.....	.....	.....	.....	1	11	2	14	36	34	17	7	2
Communist China.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	44	4	1
Total.....	115	286	238	473	36	569	847	371	389	1,003	335	231	100
USSR and Eastern Europe.....	115	286	238	452	31	562	847	371	389	999	291	227	98
Communist China.....	.....	.....	.....	21	5	7	.....	.....	.....	4	44	4	2

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NO FOREIGN DISSEM

Table 79

Communist Economic and Military Aid Extended to Less Developed Countries of Africa, by Recipient and Donor  
 1958-66

Million US \$

	1958	1959	1960	1961	1962	1963	1964	1965	1966
Total.....	1.8	166.1	135.3	362.3	53.7	333.2	375.2	274.1	126.3
Algeria									
USSR and Eastern Europe.....				1.0	5.0	213.0	146.5	100.0	1.1
Communist China.....		5.0	7.0		1.8	50.0		0.2	
Cameroon									
USSR and Eastern Europe.....						7.8			
Central African Republic									
Communist China.....							4.0		
Congo (Brazzaville)									
USSR and Eastern Europe.....							8.9	2.0	
Communist China.....							25.2		
Ethiopia									
USSR and Eastern Europe.....	1.8	111.8						5.2	
Ghana									
USSR and Eastern Europe.....			46.8	130.1	6.0		3.0	21.2	
Communist China.....				19.6			22.4		
Guinea									
USSR and Eastern Europe.....		48.8	42.5	1.0	15.0			20.0	2.7
Communist China.....		0.5	26.0						28.4
Kenya									
USSR and Eastern Europe.....							48.7		
Communist China.....							18.2		
Mali									
USSR and Eastern Europe.....				67.0	13.1	4.3		2.2	
Communist China.....				19.6			24.2	8.0	3.0
Morocco									
USSR and Eastern Europe.....			3.0	0.4	12.8			30.0	47.6
Nigeria									
USSR and Eastern Europe.....								14.0	
Senegal									
USSR and Eastern Europe.....								6.7	
Sierra Leone									
USSR and Eastern Europe.....								28.0	
Somali									
USSR and Eastern Europe.....				62.8		35.0			8.5
Communist China.....						21.6		0.2	0.2
Sudan									
USSR and Eastern Europe.....				23.0				10.0	
Tanzania									
USSR and Eastern Europe.....							6.5	1.4	22.0
Communist China.....							45.7		12.8
Tunisia									
USSR and Eastern Europe.....			10.0	37.8		1.5	6.3		
Uganda									
USSR and Eastern Europe.....							15.6	10.0	
Communist China.....								15.0	

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NO FOREIGN DISSEM



Table 80

Communist Economic Aid Extended to Less Developed Countries of Africa, by Recipient and Donor  
 1958-66

Million US \$

	1958	1959	1960	1961	1962	1963	1964	1965	1966
Total.....	1.8	160.1	117.3	359.3	36.7	191.2	372.2	157.1	115.6
Algeria									
USSR and Eastern Europe.....					2.0	106.0	146.5	.....	1.1
Communist China.....					1.8	50.0	.....	0.2	.....
Cameroon									
USSR and Eastern Europe.....						7.8	.....	.....	.....
Central African Republic									
Communist China.....							4.0	.....	.....
Congo (Brazzaville)									
USSR and Eastern Europe.....							8.9	.....	.....
Communist China.....							25.2	.....	.....
Ethiopia									
USSR and Eastern Europe.....	1.8	111.8	.....	.....	.....	.....	.....	5.2	.....
Ghana									
USSR and Eastern Europe.....			46.8	130.1	.....	.....	.....	20.2	.....
Communist China.....			.....	19.6	.....	.....	22.4	.....	.....
Guinea									
USSR and Eastern Europe.....		47.8	34.5	1.0	15.0	.....	.....	18.0	2.7
Communist China.....		0.5	26.0	.....	.....	.....	.....	.....	28.4
Kenya									
USSR and Eastern Europe.....							48.7	.....	.....
Communist China.....							18.2	.....	.....
Mali									
USSR and Eastern Europe.....				65.0	13.1	4.3	.....	0.2	.....
Communist China.....				19.6	.....	.....	24.2	8.0	3.0
Morocco									
USSR and Eastern Europe.....				0.4	4.8	.....	.....	30.0	45.6
Nigeria									
USSR and Eastern Europe.....								14.0	.....
Senegal									
USSR and Eastern Europe.....								6.7	.....
Sierra Leone									
USSR and Eastern Europe.....								28.0	.....
Somalia									
USSR and Eastern Europe.....				62.8	.....	.....	.....	.....	8.5
Communist China.....				.....	.....	21.6	.....	0.2	0.2
Sudan									
USSR and Eastern Europe.....				23.0	.....	.....	.....	10.0	.....
Tanzania									
USSR and Eastern Europe.....							6.5	1.4	20.0
Communist China.....							45.7	.....	8.8
Tunisia									
USSR and Eastern Europe.....			10.0	37.8	.....	1.5	6.3	.....	.....
Uganda									
USSR and Eastern Europe.....							15.6	.....	.....
Communist China.....							.....	15.0	.....

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NO FOREIGN DISSEM

Table 81

Communist Military Aid Extended to Less Developed Countries of Africa, by Recipient and Donor  
 1959-66

	Million US \$							
	1959	1960	1961	1962	1963	1964	1965	1966
Total.....	6	18	3	17	142	3	117	8
Algeria								
USSR and Eastern Europe.....			1	3	107		100	
Communist China.....	5	7					N.A.	
Congo (Brazzaville)								
USSR and Eastern Europe.....							2	
Communist China.....						N.A.		
Ghana								
USSR and Eastern Europe.....				6		3	1	
Communist China.....							N.A.	
Guinea								
USSR and Eastern Europe.....	1	8					2	
Mali								
USSR and Eastern Europe.....			2				2	
Communist China.....						N.A.		
Morocco								
USSR and Eastern Europe.....		3		8				2
Somalia								
USSR and Eastern Europe.....					35			
Tanzania								
USSR and Eastern Europe.....						N.A.		2
Communist China.....						N.A.		4
Uganda								
USSR and Eastern Europe.....							10	
Communist China.....							N.A.	

NO FOREIGN DISSEM

Table 82  
Communist Economic and Military Aid Extended to Less Developed Countries of Asia, by Recipient and Donor  
1954-66

	Million US \$												
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Total.....	10.8	130.0	394.7	172.6	317.3	659.6	630.0	1,076.1	222.6	191.9	1,155.7	428.8	841.3
Afghanistan													
USSR and Eastern Europe.....	10.8		182.0	15.8		156.8	10.5	197.3	35.9	51.5	162.2	14.1	5.6
Communist China.....												28.0	
Burma													
USSR and Eastern Europe.....			7.2					0.1	5.3	2.6		10.0	14.0
Communist China.....								84.0					
Cambodia													
USSR and Eastern Europe.....			0.7	6.0			0.4	7.5		13.2	3.0		5.5
Communist China.....			22.9				26.5				4.0	4.0	42.9
Ceylon													
USSR and Eastern Europe.....			3.2		30.0					8.0		42.6	
Communist China.....				15.8	10.5				10.5		4.2		
India													
USSR and Eastern Europe.....		121.4	26.4	127.0	34.0	468.5	44.6	142.9	63.5	60.0	592.7	141.8	641.7
Indonesia													
USSR and Eastern Europe.....		8.6	120.3	8.0	211.1	26.8	527.0	574.5	93.0	56.6	280.1	32.3	
Communist China.....			16.2		32.2			30.0				66.0	
Laos													
USSR and Eastern Europe.....									7.6				
Communist China.....									4.0				
Nepal													
USSR and Eastern Europe.....						7.5			2.8		10.5		
Communist China.....			12.6				21.0	9.8					19.6
Pakistan													
USSR and Eastern Europe.....			3.2					30.0			39.0	50.0	112.0
Communist China.....											60.0	40.0	

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NO FOREIGN DISSEM

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NO FOREIGN DISSEM

Table 83  
Communist Economic Aid Extended to Less Developed Countries of Asia, by Recipient and Donor  
1954-66

	Million US \$												
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Total.....	10.8	130.0	312.7	164.6	125.8	629.6	327.0	615.1	98.6	79.9	520.7	240.8	839.3
Afghanistan													
USSR and Eastern Europe.....	10.8		100.0	15.8		131.8	3.5	197.3	35.9	51.5	37.2	14.1	5.6
Communist China.....												28.0	
Burma													
USSR and Eastern Europe.....			7.2					0.1	5.3	2.6		10.0	14.0
Communist China.....								84.0					
Cambodia													
USSR and Eastern Europe.....			0.7	6.0			0.4	7.5		12.2			3.5
Communist China.....			22.9				26.5						42.9
Ceylon													
USSR and Eastern Europe.....			3.2		30.0					8.0		42.6	
Communist China.....				15.8	10.5				10.5		4.2		
India													
USSR and Eastern Europe.....		121.4	26.4	127.0	34.0	468.5	31.6	140.9	32.5		308.7	23.8	641.7
Indonesia													
USSR and Eastern Europe.....		8.6	120.3		40.1	21.8	244.0	115.5		5.6	61.1	6.3	
Communist China.....			16.2		11.2			30.0				66.0	
Laos													
USSR and Eastern Europe.....									7.6				
Communist China.....									4.0				
Nepal													
USSR and Eastern Europe.....						7.5			2.8		10.5		
Communist China.....			12.6				21.0	9.8					19.6
Pakistan													
USSR and Eastern Europe.....			3.2					30.0			39.0	50.0	112.0
Communist China.....											60.0		

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NO FOREIGN DISSEM

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NO FOREIGN DISSEM

Table 84

Communist Military Aid Extended to Less Developed Countries of Asia, by Recipient and Donor  
1956-66

	Million US \$										
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Total.....	82	8	192	30	303	461	124	112	635	188	2
Afghanistan											
USSR and Eastern Europe...	82	.....	.....	25	7	.....	.....	.....	125	.....	.....
Cambodia											
USSR and Eastern Europe...	.....	.....	.....	.....	.....	.....	.....	1	3	.....	2
Communist China.....	.....	.....	.....	.....	.....	.....	.....	.....	4	4	.....
India											
USSR and Eastern Europe...	.....	.....	.....	.....	13	2	31	60	284	118	.....
Indonesia											
USSR and Eastern Europe...	.....	8	171	5	283	459	93	51	219	26	.....
Communist China.....	.....	.....	21	.....	.....	.....	.....	.....	.....	.....	.....
Pakistan											
Communist China.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40	.....

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	Million US \$											
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Total.....	137.2	240.3	362.8	636.0	149.4	554.8	511.6	376.3	237.4	1,137.0	995.7	538.7
Latin America.....	1.3	2.0	0	29.0	3.9	0	110.0	70.0	0	0	33.0	102.9
Argentina.....												
USSR and Eastern Europe.....	1.3			29.0	2.4						30.0	
Brazil.....												
USSR and Eastern Europe.....		2.0			1.5		110.0	70.0			3.0	102.9
Middle East.....	135.9	238.3	362.8	607.0	145.5	554.8	401.6	306.3	237.4	1,137.0	962.7	435.8
Cyprus.....												
USSR and Eastern Europe.....							1.3			28.0		1.0
Greece.....												
USSR and Eastern Europe.....											84.0	
Iran.....												
USSR and Eastern Europe.....				2.5	3.6			0.5	38.9	16.7	313.9	
Iraq.....												
USSR and Eastern Europe.....				131.0	137.5	143.0	113.0	1.4		41.0	20.0	186.6
Syria.....												
USSR and Eastern Europe.....	6.1	80.6	188.2	90.0		2.8		60.0	5.0	40.2	56.1	216.8
Communist China.....									16.3			
Turkey.....												
USSR and Eastern Europe.....	5.0	0.8	3.1	8.6	3.0				0.8		200.0	
United Arab Republic.....												
USSR and Eastern Europe.....	124.8	105.1	171.5	362.2		409.0	287.3	224.4	146.2	818.1	280.4	14.0
Communist China.....		4.7								80.0		
Yemen.....												
USSR and Eastern Europe.....		47.1			0.7			20.0	30.0	84.5	8.3	3.4
Communist China.....				12.7	0.7				0.2	28.5		14.0

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NO FOREIGN DISSEM

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Table 86  
Communist Economic Aid Extended to Less Developed Countries of Latin America and the Middle East, by Recipient and Donor  
1955-66

	Million US \$											
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Total.....	22.2	36.3	132.8	355.0	149.4	306.8	128.6	146.3	102.4	772.0	965.7	317.7
Latin America.....	1.3	2.0	0	29.0	3.9	0	110.0	70.0	0	0	33.0	102.9
Argentina.....												
USSR and Eastern Europe.....	1.3			29.0	2.4						30.0	
Brazil.....												
USSR and Eastern Europe.....		2.0			1.5		110.0	70.0			3.0	102.9
Middle East.....	20.9	34.3	132.8	326.0	145.5	306.8	18.6	76.3	102.4	772.0	932.7	214.8
Cyprus.....							1.3					
USSR and Eastern Europe.....												
Greece.....												
USSR and Eastern Europe.....											84.0	
Iran.....												
USSR and Eastern Europe.....				2.5	3.6			0.5	38.9	16.7	313.9	
Iraq.....												
USSR and Eastern Europe.....					137.5	45.0		1.4			20.0	5.6
Syria.....												
USSR and Eastern Europe.....	6.1	3.6	113.2			2.8				5.2	51.1	191.8
Communist China.....									16.3			
Turkey.....												
USSR and Eastern Europe.....	5.0	0.8	3.1	8.6	3.0				0.8		200.0	
United Arab Republic.....												
USSR and Eastern Europe.....	9.8	5.1	16.5	302.2		259.0	17.3	74.4	46.2	568.1	255.4	
Communist China.....		4.7								80.0		
Yemen.....												
USSR and Eastern Europe.....		20.1			0.7					73.5	8.3	3.4
Communist China.....				12.7	0.7				0.2	28.5		14.0

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NO FOREIGN DISSEM

Table 87

Communist Military Aid Extended to Less Developed Countries of the Middle East, by Recipient and Donor  
 1955-66

	Million US \$											
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Total.....	115	204	230	281	.....	248	383	230	135	365	30	221
Cyprus												
USSR and Eastern Europe.....										28	.....	1
Iraq												
USSR and Eastern Europe.....				131	.....	98	113	.....	.....	41	.....	181
Syria												
USSR and Eastern Europe.....		77	75	90	.....	.....	.....	60	5	35	5	25
United Arab Republic												
USSR and Eastern Europe.....	115	100	155	60	.....	150	270	150	100	250	25	14
Yemen												
USSR and Eastern Europe.....		27	.....	.....	.....	.....	.....	20	30	11	N.A.	.....



NO FOREIGN DISSEM

Table 88

Academic, Technical, and Military Trainees <sup>a</sup> Departing from Less Developed Countries of the Free World for Training in Communist Countries, by Area of Destination  
Total for 1956-59, and 1960-66

	Total for 1956-59 <sup>b</sup>	1960	1961	1962	1963	1964	1965	1966
Total trainees.....	6,950	4,715	8,035	10,840	8,885	8,025 <sup>c</sup>	6,280	4,430
USSR.....	3,485	2,660	6,325	8,295	7,020	5,830	4,970	3,435
Eastern Europe.....	3,300	1,545	1,530	2,365	1,765	2,005	1,180	805
Communist China.....	165	510	180	180	100	190	130	190
Academic trainees.....	1,955	2,275	3,300	5,680	3,845	2,980	1,975	1,675
USSR.....	1,080	1,135	2,295	3,555	2,620	1,895	1,455	1,405
Eastern Europe.....	795	1,000	910	1,955	1,150	1,005	460	270
Communist China.....	80	140	95	170	75	80	60	0
Technical trainees.....	1,375	1,610	1,190	1,085	1,495	2,665	1,575	1,205
USSR.....	730	855	725	815	920	2,125	935	590
Eastern Europe.....	560	385	380	260	550	515	605	535
Communist China.....	85	370	85	10	25	25	35	80
Military trainees.....	3,620	830	3,545	4,075	3,545	2,380 <sup>c</sup>	2,730	1,550
USSR.....	1,675	670	3,305	3,925	3,480	1,810	2,580	1,440
Eastern Europe.....	1,945	160	240	150	65	485	115	0
Communist China.....	0	0	0	0	0	85 <sup>c</sup>	35	110

<sup>a</sup> Rounded to the nearest five persons. Data are for persons departing for training and not necessarily those completing training.

<sup>b</sup> Data for military trainees are for 1955-59.

<sup>c</sup> Including 15 persons sent to North Korea for military training.

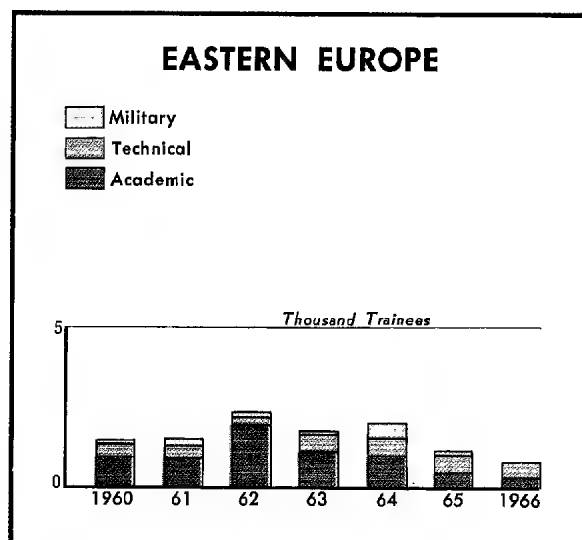
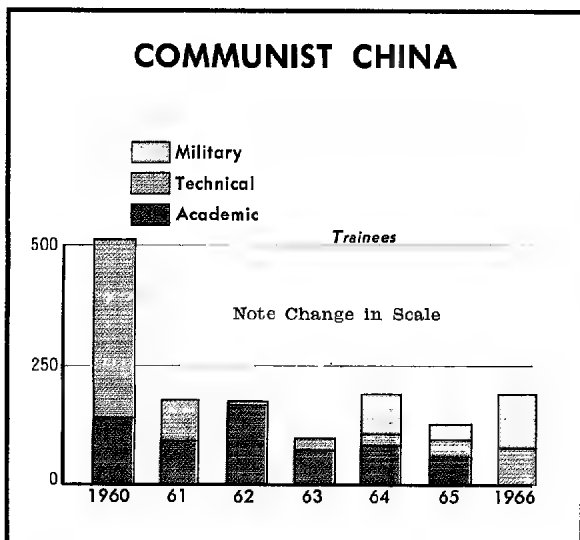
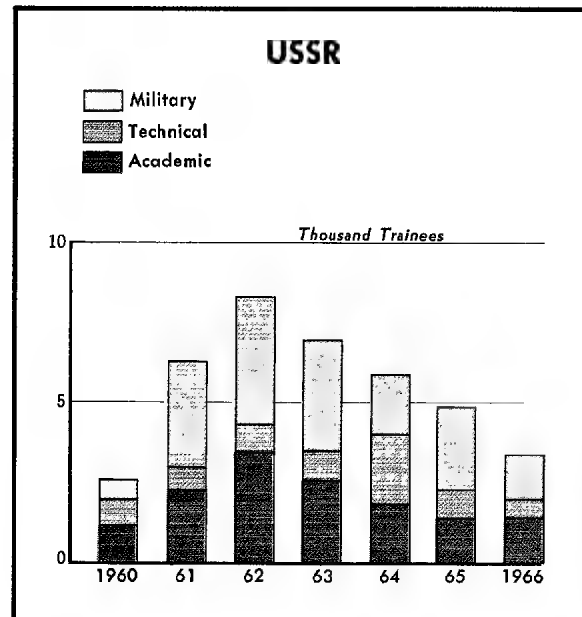
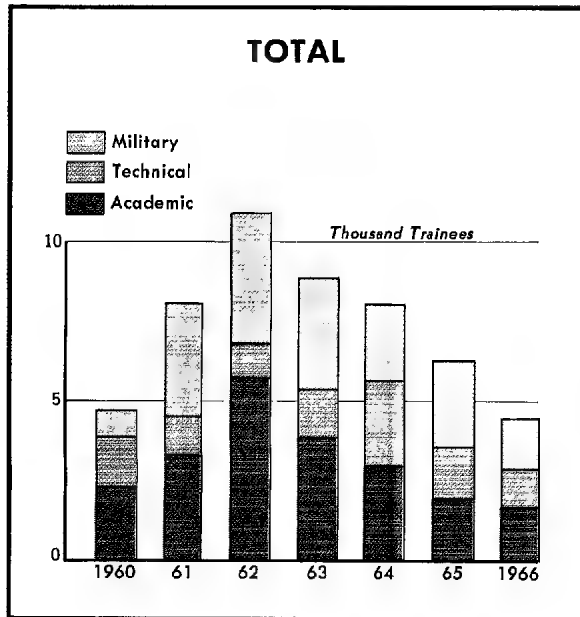
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Graphic 4

# ACADEMIC, TECHNICAL, AND MILITARY TRAINEES DEPARTING FROM LESS DEVELOPED COUNTRIES OF THE FREE WORLD FOR TRAINING IN COMMUNIST COUNTRIES, 1960-66



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NO FOREIGN DISSEM  
GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

Table 89  
Military Trainees • Departing from Less Developed Countries of the Free World for Training in Communist Countries  
Total for 1955-66 and as of 1966

Country Sending Trainees	Departures to Communist Countries				Being Trained as of December 1966			
	1955-66 <sup>b</sup>				1966			
	Total	USSR	Eastern Europe	Com- munist China	Total	USSR	Eastern Europe	Com- munist China
Total .....	22,275 <sup>a</sup>	18,885	3,160	230 <sup>a</sup>	1,550	1,440	0	110
Afghanistan.....	1,505	1,265	240	0	250	250	0	0
Algeria.....	1,590	1,385	190	15	105	105	0	0
Cambodia.....	30	30	0	0	0	0	0	0
Congo (Brazzaville).....	160	160	0	0	0	0	0	0
Ghana.....	180	180	0	0	0	0	0	0
Guinea.....	410	360	50	0	140	140	0	0
India.....	610	610	0	0	125	125	0	0
Indonesia.....	9,270	7,560	1,710	0	345	345	0	0
Iraq.....	1,140	1,060	80	0	5	5	0	0
Laos.....	25	25	0	0	0	0	0	0
Mali.....	95	85	10	0	5	5	0	0
Pakistan.....	130	0	0	130	70	0	0	70
Somalia.....	880	850	0	30	50	50	0	0
Syria.....	1,445	1,070	375	0	0	0	0	0
Tanzania.....	255	215	0	40	70	30	0	40
Uganda.....	155	125	30	0	60	60	0	0
United Arab Republic.....	3,950 <sup>a</sup>	3,460	475	0	235	235	0	0
Yemen.....	445	445	0	0	90	90	0	0
					210	200	10	0

<sup>a</sup> Rounded to the nearest five persons. Data are for persons departing for training and not necessarily those completing training.

<sup>b</sup> The period covered begins in November of 1955.

<sup>c</sup> Including 15 from the UAR that departed for training in North Korea.

Table 90  
Academic Students \* Departing from Less Developed Countries of Latin America and the Middle East for Training in Communist Countries  
Total for 1956-66 and as of 1966

Area and Country	Departures to Communist Countries				Being Trained as of December 1966			
	1956-66		1966					
	Total	USSR	Eastern Europe	Com-munist China	Total	USSR	Eastern Europe	Com-munist China
Total.....	7,965	5,320	2,615	30	590	405	185	0
Latin America.....	1,880	1,365	515	0	310	245	65	0
Argentina.....	120	85	35	.....	.....	.....	.....	.....
Bolivia.....	310	140	170	.....	125	65	60	.....
Brazil.....	130	80	50	.....	5	5	.....	.....
Chile.....	250	215	35	.....	60	60	.....	.....
Colombia.....	135	120	15	.....	.....	.....	.....	.....
Costa Rica.....	105	65	40	.....	20	15	5	.....
Dominican Republic.....	20	20	.....	.....	10	10	.....	.....
Ecuador.....	95	85	10	.....	35	35	.....	.....
El Salvador.....	15	10	5	.....	.....	.....	.....	.....
Guatemala.....	50	35	15	.....	.....	.....	.....	.....
Guyana.....	110	60	50	.....	.....	.....	.....	.....
Haiti.....	15	15	.....	.....	.....	.....	.....	.....
Honduras.....	45	45	.....	.....	.....	.....	.....	.....
Mexico.....	145	120	25	.....	20	20	.....	.....
Nicaragua.....	80	75	5	.....	30	30	.....	.....
Panama.....	55	45	10	.....	5	5	.....	.....
Paraguay.....	10	5	5	.....	.....	.....	.....	.....
Peru.....	65	55	10	.....	.....	.....	.....	.....
Uruguay.....	20	10	10	.....	.....	.....	.....	.....
Venezuela.....	105	80	25	.....	.....	.....	.....	.....
Middle East.....	6,085	3,955	2,100	30	280	160	120	0
Cyprus.....	250	125	125	.....	80	40	40	.....
Greece.....	30	.....	30	.....	.....	.....	.....	.....
Iran.....	25	25	.....	.....	.....	.....	.....	.....
Iraq.....	2,780	2,005	750	25	.....	.....	.....	.....
Israel.....	10	10	.....	.....	10	10	.....	.....
Jordan.....	75	55	20	.....	.....	.....	.....	.....
Kuwait.....	10	10	.....	.....	10	10	.....	.....
Lebanon.....	400	150	250	.....	.....	.....	.....	.....
Saudi Arabia.....	5	.....	5	.....	.....	.....	.....	.....
Syria.....	725	445	280	.....	55	30	25	.....
Turkey.....	45	45	.....	.....	.....	.....	.....	.....
United Arab Republic.....	1,075	645	425	5	75	40	35	.....
Yemen.....	655	440	215	.....	50	30	20	.....

\* Rounded to the nearest five persons. Data are for persons departing for training and not necessarily those completing training.

Table 91

Academic Students • Departing from Less Developed Countries of Africa and Asia for Training in Communist Countries  
Total for 1956-66 and as of 1966

Area and Country	Departures to Communist Countries				1966				Being Trained as of December 1966			
	1956-66			Com-munist China	1966			Com-munist China	Being Trained as of December 1966			
	Total	USSR	Eastern Europe		Total	USSR	Eastern Europe		Total	USSR	Eastern Europe	
Total.....	15,720	10,120	4,930	670	1,085	1,000	85	0	12,245	8,175	3,660	410
Africa.....	11,725	7,515	3,780	430	965	915	50	0	9,505	6,305	2,920	280
Algeria.....	315	70	230	15	.....	.....	.....	.....	315	70	230	15
Angola.....	55	15	40	.....	.....	.....	.....	.....	55	15	40	.....
Botswana.....	45	45	.....	.....	10	10	.....	.....	45	45	.....	.....
Burundi.....	70	70	.....	.....	15	15	.....	.....	65	65	.....	.....
Cameroon.....	545	295	70	180	.....	.....	.....	.....	440	285	55	100
Central African Republic.....	25	20	5	.....	20	20	.....	.....	25	20	5	.....
Chad.....	40	35	5	.....	15	15	.....	.....	40	35	5	.....
Comoro Islands.....	25	10	.....	15	5	5	.....	.....	25	10	.....	15
Congo (Brazzaville).....	160	135	10	15	35	35	.....	.....	160	135	10	15
Congo (Kinshasa).....	310	235	65	10	5	5	.....	.....	235	225	.....	10
Dahomey.....	75	55	10	10	.....	.....	.....	.....	75	55	10	10
Ethiopia.....	140	75	65	.....	.....	.....	.....	.....	95	60	35	.....
Gabon.....	5	.....	5	.....	.....	.....	.....	.....	5	.....	5	.....
Gambia.....	30	25	5	.....	20	20	.....	.....	30	25	5	.....
Ghana.....	1,435	1,045	360	30	.....	.....	.....	.....	855	545	300	10
Guinea.....	835	490	325	20	170	170	.....	.....	405	280	125	.....
Ivory Coast.....	105	55	50	.....	.....	.....	.....	.....	105	55	50	.....
Kenya.....	1,185	830	345	10	45	45	.....	.....	1,180	830	340	10
Lesotho.....	45	25	15	5	.....	.....	.....	.....	45	25	15	5
Liberia.....	15	5	10	.....	.....	.....	.....	.....	15	5	10	.....
Libya.....	10	.....	10	.....	.....	.....	.....	.....	5	.....	5	.....
Malagasy Republic.....	15	5	10	.....	.....	.....	.....	.....	10	5	5	.....
Mali.....	770	385	385	.....	.....	.....	.....	.....	665	345	320	.....
Mauritania.....	30	20	10	.....	.....	.....	.....	.....	30	20	10	.....
Mauritius.....	65	55	10	.....	20	10	10	.....	60	55	10	.....
Morocco.....	155	120	35	.....	70	70	.....	.....	130	100	30	.....
Mozambique.....	25	25	.....	.....	15	15	.....	.....	25	25	.....	.....
Niger.....	170	150	20	.....	.....	.....	.....	.....	170	150	20	.....
Nigeria.....	675	470	190	15	80	80	.....	.....	650	455	180	15

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\* Rounded to the nearest five persons. Data are for persons departing for training and not necessarily those completing training.

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Table 92  
Communist Economic and Military Technicians \* in Less Developed Countries of the Free World  
1955-66

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Total economic and military .....	20	1,530	2,215	4,335	7,175	7,985	10,340	13,805	15,025	18,845	23,915 <sup>b</sup>	25,865 <sup>b</sup>
USSR.....	0	1,040	1,355	3,115	4,715	5,735	7,115	10,345	11,645	12,905	14,300	14,890
Eastern Europe.....	20	465	830	1,125	1,590	1,280	1,765	2,520	2,895	3,740	4,615	5,555
Communist China.....	0	25	30	95	870	970	1,460	940	485	2,200	5,000	5,420
Economic.....	0	1,145	1,650	3,185	5,705	6,775	8,730	10,440	12,330	15,545	20,175	22,430
USSR.....	0	680	830	2,065	3,310	4,580	5,595	7,095	9,005	9,700	10,735	11,780
Eastern Europe.....	0	440	790	1,025	1,525	1,225	1,675	2,405	2,840	3,675	4,545	5,500
Communist China.....	0	25	30	95	870	970	1,460	940	485	2,170	4,895	5,150
Military.....	20	385	565	1,150	1,470	1,210	1,610	3,365	2,695	3,300	3,740 <sup>b</sup>	3,435 <sup>b</sup>
USSR.....	0	360	525	1,050	1,405	1,155	1,520	3,250	2,640	3,205	3,565	3,110
Eastern Europe.....	20	25	40	100	65	55	90	115	55	65	70	55
Communist China.....	0	0	0	0	0	0	0	0	0	30	105 <sup>b</sup>	270 <sup>b</sup>

\* Rounded to the nearest five persons.

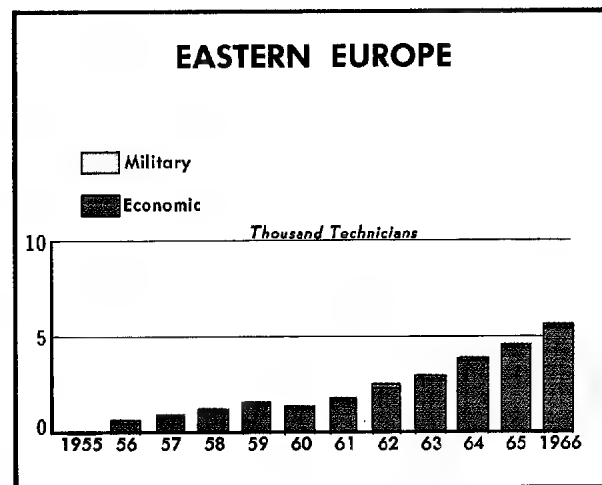
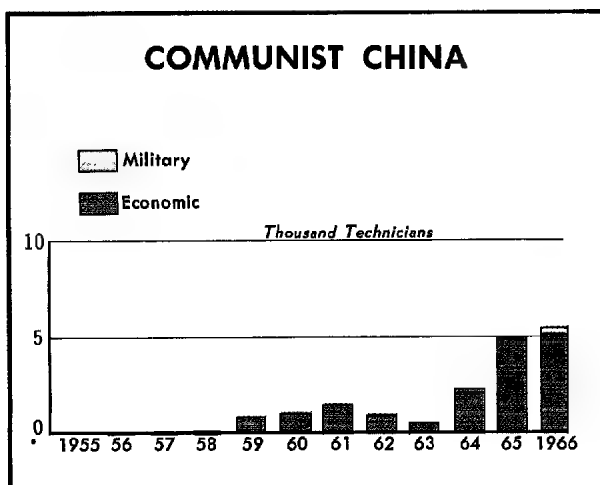
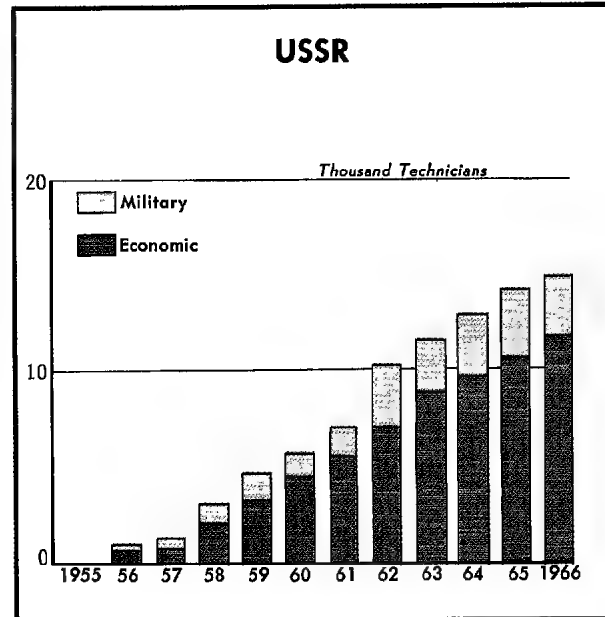
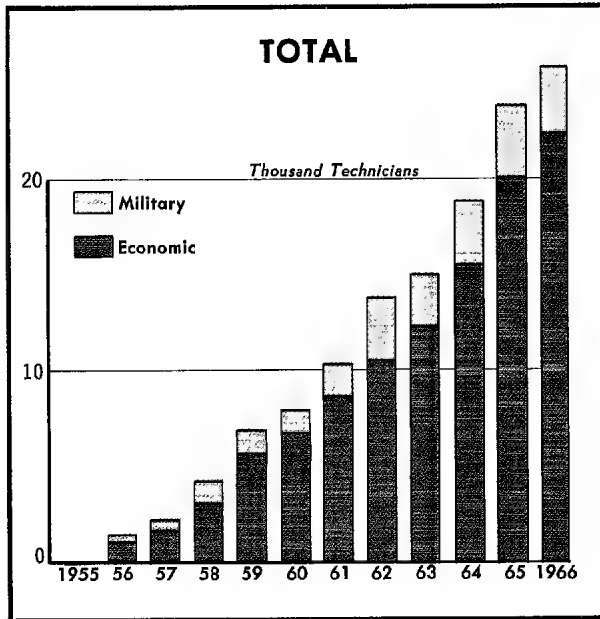
<sup>b</sup> Including 10 North Vietnamese military technicians.

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Graphic 5

# COMMUNIST ECONOMIC AND MILITARY TECHNICIANS IN LESS DEVELOPED COUNTRIES OF THE FREE WORLD 1955-66



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Table 93

Communist Economic and Military Technicians \* in Less Developed Countries of the Free World, by Country  
1966

Area and Country	Economic Technicians				Military Technicians			
	Total	USSR	Eastern Europe	Communist China	Total	USSR	Eastern Europe	Communist China
Total.....	22,430	11,780	5,500	5,150	3,435 <sup>b</sup>	3,110	55	270 <sup>b</sup>
Africa.....	10,900	4,180	3,695	3,025 <sup>c</sup>	1,210 <sup>b</sup>	1,070	5	135 <sup>b</sup>
Algeria.....	2,310	1,150	1,125	35	600	600		
Congo (Brazzaville).....	440	125		315 <sup>c</sup>	25			25
Ethiopia.....	655	575	80					
Ghana <sup>d</sup> .....	1,130	735	225	170	60	45		15
Guinea.....	1,640	510	305	825 <sup>e</sup>	30	30		
Kenya.....	25	10	15					
Libya.....	285	50	235					
Mali.....	1,820	335	40	1,445 <sup>f</sup>	155 <sup>b</sup>	105		50 <sup>b</sup>
Morocco.....	135	10	125					
Niger.....	5		5					
Nigeria.....	20	20						
Sierra Leone.....	10	10						
Somalia.....	430	370	30	30	250	250		
Sudan.....	145	55	90					
Tanzania.....	325	25	100	200	75	35		40
Tunisia.....	1,495	175	1,315	5				
Uganda.....	30	25	5		15	5	5	5
Asia.....	6,180	3,745	740	1,695	1,020	885	0	135
Afghanistan.....	1,600	1,340	135	125	490	490		
Burma.....	510	40	35	435				
Cambodia.....	310	85	40	185	75	30		45
Ceylon.....	150	85	50	15				
India.....	1,905	1,500	405		345	345		
Indonesia.....	350	275	75		20	20		
Nepal.....	1,190	270		920				
Pakistan.....	165	150		15	90			90
Latin America.....	85	5	80	0	0	0	0	0
Argentina.....	30		30					
Brazil.....	35		35					
Chile.....	10	5	5					
Mexico.....	10		10					
Middle East.....	5,265	3,850	985	430	1,205	1,155	50	0
Cyprus.....					10	10		
Iran.....	435	375	60					
Iraq.....	840	500	340		170	170		
Syria.....	515	350	150	15	125	125		
Turkey.....	10		10					
United Arab Republic.....	2,400	2,030	355	15	750	700	50	
Yemen.....	1,065	595	70	400	150	150		

\* Rounded to the nearest five persons. Data are minimum estimates of the number of persons present for a period of one month or more. Persons engaged solely in commercial activities are excluded.

<sup>b</sup> Including 10 North Vietnamese instructors.

<sup>c</sup> Including a small number of North Vietnamese personnel.

<sup>d</sup> In late February, following the *coup d'état*, all Communist personnel were expelled from Ghana.

<sup>e</sup> Including 40 North Vietnamese personnel.

<sup>f</sup> Including 75 North Korean and 20 North Vietnamese personnel.

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Table 94

Distribution of Communist Economic Aid Extended to Less Developed Countries  
 of the Free World, by Area  
 Total for 1954-66

Area	USSR	Eastern Europe	Communist China	Total
Million US \$				
Africa.....	882.2	289.2	342.6	1,514.0
Asia.....	2,810.5	788.7	495.7	4,094.9
Latin America.....	147.0	205.1	0	352.1
Middle East.....	2,149.0	777.0	157.1	3,083.1
Total.....	5,988.7	2,060.0	995.4	9,044.1
Percent of Total				
Africa.....	15	14	34	17
Asia.....	47	38	50	45
Latin America.....	2	10	0	4
Middle East.....	36	38	16	34
Total.....	100	100	100	100

Table 95

Production of Sulfuric Acid <sup>a</sup>  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	25,900*	31,000*	31,000*	33,000*	35,000*	38,200*	41,000*	43,700*
US <sup>c</sup> .....	14,746*	16,223*	16,191*	17,872*	18,993*	20,796*	22,489*	24,663*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	5,480*	7,890*	8,570*	9,280*	10,300*	11,500*	12,800*	13,800
USSR.....	3,798*	5,308*	5,718*	6,132*	6,885*	7,647*	8,518*	9,367*
Eastern Europe.....	1,680*	2,500*	2,850*	3,150*	3,430*	3,880*	4,230*	4,460
Bulgaria.....	19*	123*	192*	247*	269*	291*	318*	353*
Czechoslovakia.....	383*	553*	599*	643*	725*	893*	933*	982*
East Germany.....	592*	730*	819*	861*	919*	937*	985*	970
Hungary <sup>d</sup> .....	144*	178*	200*	224*	283*	340*	394*	393
Poland.....	450*	685*	794*	852*	888*	1,001*	1,062*	1,139*
Rumania.....	92*	226*	248*	326*	343*	417*	541*	619*
Far East								
Communist China.....	375*	1,350*	N.A.	1,100	1,500	2,000	N.A.	N.A.
North Korea.....	28*	255*	273*	316*	321*	N.A.	N.A.	N.A.
North Vietnam.....	0*	0	Negl.	14	28	36	N.A.	N.A.
Other								
Albania.....	0	0	0	0	0	0	0	2
Cuba.....	N.A.	44	93	110	125	150	N.A.	N.A.
Yugoslavia.....	73*	130*	234*	286*	391*	472*	435*	542*

## Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium...	1,143*	1,423*	1,390*	Italy.....	1,943*	2,299*	3,347*	Turkey.....	18*	23*	20*
Canada....	862*	1,517*	2,230*	Netherlands.	679*	860*	1,060*	UK.....	2,131*	2,772*	3,140*
Denmark...	172*	198*	239*	Norway.....	78*	100*	119*	West Ger-			
France....	1,472*	2,046*	3,072*	Portugal....	228*	320*	420*	many.....	2,279*	3,170*	3,814*
Greece....	118*	81*	151*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Pure (monohydrate) sulfuric acid (100 percent H<sub>2</sub>SO<sub>4</sub>).<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Including appreciable amounts produced in government-owned privately operated plants.<sup>d</sup> Including oleum for all years except 1966.<sup>e</sup> Data are for 1965 and are included in the NATO total for 1966.<sup>f</sup> Data are for 1964 and are included in the NATO totals for 1965-66.<sup>g</sup> Including data for West Berlin, for which separate data are not available.

Table 96

Production of Synthetic Ammonia <sup>a</sup>  
1955 and 1960-66

Thousand Metric Tons of Nitrogen

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	4,720* <sup>c</sup>	7,320* <sup>d</sup>	8,270*	9,060*	10,000*	11,300*	12,600*	N.A.*
US <sup>e</sup> .....	2,426*	3,595*	3,885*	4,335*	4,986*	5,696*	6,422*	7,955*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	1,200	2,080	2,360	2,720	3,220	3,720	4,690	5,420
USSR.....	619	1,067	1,284	1,564	1,939	2,211	2,852	3,279
Eastern Europe.....	581	1,010	1,080	1,150	1,280	1,510	1,840	2,140
Bulgaria.....	41*	111*	118*	127*	144*	283*	338*	407
Czechoslovakia.....	41	130	137	137	145	150	227	255
East Germany.....	335*	392*	396*	404*	412*	418*	439*	460
Hungary.....	18*	67*	79*	84*	93*	109*	173*	195
Poland.....	137*	284*	303*	341*	371*	407*	440*	515
Rumania.....	9*	29*	42*	58*	113*	144	218*	310
Far East								
Communist China.....	69	300	N.A.	370	490	N.A.	N.A.	N.A.
North Korea.....	6	111	115	136	136	N.A.	N.A.	N.A.
Other								
Yugoslavia.....	2	2	2	9	37	51	55	59

Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium...	209*	319*	398*	Netherlands..	320*	410*	575*	Turkey.....	0*	0*	33* <sup>g</sup>
Canada....	N.A.*	N.A.*	669*	Norway.....	174*	265*	361*	West Ger-			
France....	433*	724*	1,281*	Portugal....	N.A.*	40*	122* <sup>h</sup>	many.....	806*	1,242*	1,659*
Italy.....	349*	724*	1,031*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, nitrogen content of synthetic ammonia.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Excluding data for Canada and Portugal.

<sup>d</sup> Excluding data for Canada.

<sup>e</sup> Synthetic anhydrous (commercial grade). To convert to actual production of synthetic ammonia, multiply by 1.2158.

<sup>f</sup> Data are for 1964 and are included in the NATO total for 1965.

<sup>g</sup> Data are for 1963 and are included in the NATO totals for 1964-65.

Table 97

Production of Caustic Soda <sup>a</sup>  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	5,150*	6,890*	6,980*	7,630*	8,240*	9,120*	9,600*	N.A.*
US.....	3,552*	4,511*	4,458*	4,977*	5,274*	5,796*	6,099*	6,661*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	992*	1,420*	1,640*	1,770*	1,880*	2,050*	2,250*	2,410*
USSR.....	518*	704*	825*	884*	965*	1,061*	1,199*	1,282*
Eastern Europe.....	474*	717*	813*	883*	918*	987*	1,050*	1,130*
Bulgaria.....	2*	17*	18*	18*	20*	29*	32*	37*
Czechoslovakia.....	82*	115*	133*	142*	144*	147*	158*	174*
East Germany.....	257*	327*	355*	355*	356*	365*	364*	380*
Hungary <sup>c</sup> .....	12*	17*	19*	24*	40*	45*	50*	52*
Poland.....	98*	167*	179*	188*	192*	205*	215*	238*
Rumania.....	23*	74*	129*	156*	166*	196*	233*	250*
Far East								
Communist China.....	137*	450*	N.A.	340	350	N.A.	N.A.	N.A.
North Korea.....	3*	25*	26*	32*	43*	55	N.A.	N.A.
Other								
Cuba.....	2	2	1	1	1	1	N.A.	N.A.
Yugoslavia.....	31*	48*	49*	54*	70*	76*	88*	91*

## Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium....	42*	50*	70*	Greece.....	1*	1*	2*	Portugal.....	12*	23*	34* <sup>d</sup>
Canada....	205*	338*	583*	Italy.....	249*	426*	704*	Turkey.....	1*	3*	2*
Denmark...	2*	4*	6*	Netherlands...	60*	118*	179* <sup>d</sup>	West Germany.	556*	776*	1,178*
France....	435*	597*	671*	Norway.....	35*	46*	68*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Pure caustic soda (100 percent NaOH), including tonnage not commercialized but used on the spot for processing.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Including regenerated caustic soda.<sup>d</sup> Data are for 1964 and are included in the NATO total for 1965.

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CHEMICALS

Table 98

Production of Mineral Fertilizer, Nutrient Content \*  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	14,400*	18,700*	19,900*	21,100*	23,700*	25,300*	N.A.*	N.A.*
US.....	5,943*	7,410*	8,114*	8,838*	9,930*	10,565*	11,930*	13,745*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	4,680*	6,420*	6,870*	7,600*	8,420*	10,100*	11,900*	13,300
USSR.....	2,299*	3,281*	3,593*	4,078*	4,647*	6,009*	7,389*	8,400*
Eastern Europe.....	2,380*	3,140*	3,280*	3,530*	3,770*	4,080*	4,520*	4,890
Bulgaria.....	31*	124*	143*	164*	172*	296*	340*	389
Czechoslovakia.....	159*	287*	314*	334*	357*	399*	477*	512*
East Germany.....	1,848*	2,080*	2,092*	2,179*	2,290*	2,296*	2,409*	2,450
Hungary.....	41*	102*	124*	146*	168*	192*	265*	295
Poland.....	286*	477*	517*	573*	600*	673*	739*	829*
Rumania.....	11*	71*	86*	131*	185*	219*	293*	419
Far East								
Communist China.....	85	500	280	410	570	680	880	1,080
North Korea.....	17	133	157	171	184	165	157	N.A.
North Vietnam.....	0*	9	10	13	22	25	N.A.	N.A.
Other								
Albania.....	0	0	0	0	0	0	0	2
Cuba.....	N.A.	14	6	12	12	10	N.A.	N.A.
Yugoslavia.....	34*	59*	90*	123*	209*	270*	241*	303

## Other NATO Countries

	1955	1960	1964		1955	1960	1964		1955	1960	1964
Belgium.....	531*	567*	776*	Iceland.....	7*	7*	6*	Portugal.....	95*	120*	204*
Canada.....	322*	496*	1,315* <sup>c</sup>	Italy.....	799*	1,110*	1,457*	Turkey.....	10*	7*	59*
Denmark.....	86*	79*	127*	Luxembourg.	115*	128*	132*	UK.....	679*	841*	1,037*
France.....	2,262*	3,021*	4,011*	Netherlands.	447*	653*	733*	West Germany.	2,880*	3,897*	4,367*
Greece.....	37*	55*	112*	Norway.....	212*	326*	382*				

\* An asterisk indicates that the data are unclassified.

\* Nitrogen fertilizer (in terms of nitrogen), phosphorous fertilizer (in terms of phosphoric anhydride), and potassium fertilizer (in terms of potassium oxide).

<sup>b</sup> The years for the NATO data are "fertilizer years"—that is, in general, the year beginning 1 July of the stated year.<sup>c</sup> Data are for 1963/64 and are included in the NATO total for 1964.

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Table 99

Production of Mineral Fertilizer in the US and the USSR  
1955 and 1960-66  
(In Terms of Soviet Statistical Reporting Units \*)

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>b</sup> .....	25,851*	32,320*	35,106*	38,770*	43,835*	47,015*	53,781*	62,408*
USSR .....	9,669*	13,867*	15,322*	17,258*	19,935*	25,562*	31,253*	35,800*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Soviet production of fertilizer is usually reported as follows: nitrogen fertilizer on the basis of fertilizer containing 20.5 percent nitrogen, potassium fertilizer on the basis of 41.6 percent potassium oxide, and most types of phosphorous fertilizer on the basis of 18.7 percent phosphoric anhydride. In addition, total production includes an insignificant quantity of microfertilizer.

<sup>b</sup> Data are based on US production given in pure nutrients and recomputed to conform to the Soviet method for expressing production. The years for US data represent "fertilizer years"—that is, the year beginning 1 July of the stated year.

Table 100

Production of Plastics in the US and the USSR \*  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>b</sup> .....	1,762*	2,851*	3,111*	3,674*	4,068*	4,583*	5,299*	6,000*
USSR <sup>c</sup> .....	160*	312*	384*	452*	567*	699*	801*	971*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Because of differences in definition and product mix, Soviet and US data on plastics are not strictly comparable. For the overall category of plastics, however, there is enough similarity to permit broad comparisons.

<sup>b</sup> Dry basis, excluding water, solvents, and other liquid diluents.

<sup>c</sup> Data differ from those presented in the previous *Handbook*, in which data included asphalt-pitch and bitumen plastics.

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Table 101

Production of Natural Rubber in Selected Countries  
1955 and 1960-66

	Thousand Metric Tons							
	1955	1960	1961	1962	1963	1964	1965	1966
Ceylon.....	95.3*	98.8*	97.6*	104.0*	104.8*	111.6*	118.3*	131.0*
Indonesia.....	748.9*	620.2*	682.2*	681.6*	582.3*	648.7*	717.0*	711.2*
Malaysia <sup>a</sup> .....	709.3*	792.6*	820.6*	830.5*	868.0*	907.1*	950.5*	1,003.0*
South Vietnam.....	66.3*	76.6*	79.1*	75.2*	71.8*	74.4*	61.0*	51.5*
Thailand <sup>b</sup> .....	132.3*	170.9*	186.1*	195.4*	189.8*	221.7*	216.5*	207.2*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including data for Malaya and Singapore, Sarawak, and Sabah.<sup>b</sup> Exports plus estimated consumption.

Table 102

Production of Synthetic Rubber  
1955 and 1960-66

	Thousand Metric Tons							
	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>a</sup> .....	1,100*	1,890*	1,950*	2,180*	2,330*	2,640*	2,780*	3,000*
US.....	986*	1,459*	1,427*	1,600*	1,634*	1,793*	1,843*	2,001*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	313	434	499	567	591	655	732	792
USSR.....	240	326	377	443	457	500	565	620
Eastern Europe.....	73	108	122	124	134	155	167	172
Czechoslovakia.....	1	1	1	1	2	2	2	5
East Germany.....	72* <sup>b</sup>	87*	90*	90*	90*	94*	95*	95
Poland.....	0*	20*	31*	33*	36*	40*	39*	37*
Rumania.....	0*	0*	0*	0*	6*	19*	31*	35*

## Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium.....	0*	0*	24*	Italy.....	0*	67*	125*	West Germany...	11*	81*	174*
Canada.....	106*	162*	203*	Netherlands....	0*	12*	112*				
France.....	0*	17*	161*	UK.....	0*	92*	197*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>b</sup> Including Pervinan and Plastikator.

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Table 103

Production of Rubber Tires \* in the US and Selected Communist Countries  
1955 and 1960-66

	Thousand Units							
	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>b</sup> .....	115,979*	123,086*	120,258*	137,641*	142,941*	162,348*	172,570*	182,392*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	13,500*	23,500*	26,100*	28,600*	30,800*	33,200	37,300	39,100
USSR.....	10,190*	17,225*	18,996*	20,846*	22,563*	24,361*	26,434*	27,700*
Eastern Europe.....	3,340*	6,300*	7,110*	7,780*	8,210*	8,890	10,800	11,400
Bulgaria.....	72*	190*	285*	328*	338*	385*	349*	375* <sup>b</sup>
Czechoslovakia <sup>c</sup> .....	899*	1,324*	1,442*	1,590*	1,594*	1,586*	1,792*	1,716*
East Germany <sup>d</sup> .....	1,439*	2,714*	2,973*	3,091*	3,178*	3,261*	3,750*	3,800
Hungary.....	281*	478*	559*	604*	602*	719*	780	845
Poland <sup>e</sup> .....	469*	1,233*	1,463*	1,572*	1,524*	1,647*	2,818* <sup>f</sup>	3,031* <sup>f</sup>
Rumania <sup>g</sup> .....	180*	352*	386*	590*	976*	1,290	1,329*	1,640
Far East								
Communist China.....	593*	1,800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Other								
Cuba.....	101	341	301	391	363	450	197	280
Yugoslavia <sup>h</sup> .....	87*	391*	424*	517*	733*	932*	954*	1,613*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for all motor vehicle tires, excluding aircraft and bicycle tires.

<sup>b</sup> Excluding motorcycle tires.

<sup>c</sup> Excluding motorcycle and bus tires and, for 1966, tractor tires.

<sup>d</sup> Including solid rubber tires.

<sup>e</sup> Excluding motorcycle tires unless otherwise indicated.

<sup>f</sup> Including motorcycle tires.

<sup>g</sup> Including aircraft tires.

<sup>h</sup> Automobile, motorcycle, and aircraft tires only.

Table 104

Production of Primary Energy \*  
1955 and 1960-66

Million Metric Tons of Coal Equivalents

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	1,980*	1,230*	2,150*	2,240*	2,340*	2,430*	2,480*	2,570*
US.....	1,319.3*	1,429.3*	1,448.7*	1,508.5*	1,589.7*	1,658.2*	1,714.6*	1,809.9*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	667	942	998	1,070	1,140*	1,220*	1,280*	1,350
USSR.....	436.1*	666.9*	710.9*	770.4*	829.9*	892.6*	959.3*	1,018.0
Eastern Europe.....	231	275	287	300	312*	323*	325*	330
Bulgaria.....	4.5*	7.7*	8.0*	8.2*	8.7*	9.0*	9.4*	9.4
Czechoslovakia.....	36.5*	50.9*	54.3*	57.1*	59.2*	60.1*	59.3*	58.8
East Germany.....	65.6	73.6	77.2	80.2	82.4*	83.2*	81.7*	80.7
Hungary.....	13.9*	14.8*	15.8*	16.2*	17.4*	18.0*	18.3*	18.3*
Poland.....	83.8*	93.5*	95.8*	98.8*	103.2*	108.6*	110.9*	114.3
Rumania.....	26.7*	34.2*	35.6*	39.1*	41.6*	43.7*	45.6*	48.9
Far East								
Communist China.....	94.2	303.1	202.2	176.6	189.5	204.6	213.9	226.1
North Korea.....	4.3	14.0*	15.6*	17.6*	18.4*	19.2*	21.5*	21.1
North Vietnam.....	0.6	2.4	2.6	3.2	3.1	3.2	3.7	3.8
Other								
Albania.....	0.4*	1.1*	1.2*	1.3*	1.2*	1.2*	1.4	1.4
Yugoslavia.....	8.1*	12.4*	13.4*	13.8*	15.3*	16.6*	17.2*	16.9*

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium <sup>c</sup> ....	30.1*	22.6*	17.6*	Iceland.....	0.2*	0.3*	0.4*	Portugal.....	1.4*	2.2*	3.2*
Canada.....	82.5*	120.1*	199.6*	Italy.....	23.4*	37.7*	42.3*	Turkey.....	4.3*	5.3*	9.3*
Denmark....	0.3*	0.8*	0.4*	Netherlands...	13.5*	15.5*	18.1*	UK.....	226.3*	199.8*	185.0*
France.....	72.1*	86.2*	83.5*	Norway.....	12.7*	17.4*	26.8*	West Germany..	188.7*	188.7*	175.7*
Greece.....	0.6*	1.5*	2.0*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are for coal, crude oil, natural gas, and hydroelectric power expressed in terms of coal equivalents (calorific value of 7,000 kilocalories per kilogram), and exclude minor fuels such as peat, shale, and fuelwood.

<sup>b</sup> The following coefficients were used to convert the sources of primary energy into hard coal equivalents: coal (metric tons), 1.0; brown coal and lignite (metric tons), 0.29; crude oil (metric tons), 1.3; crude natural gasoline (metric tons), 1.5; natural gas (1,000 cubic meters), 1.33; and hydroelectricity (1,000 kilowatt-hours), 0.55. Production of geothermal and nuclear electric power is included at the same ratio as hydroelectricity.

<sup>c</sup> Including data for Luxembourg.

Table 105

Production of Hard Coal <sup>a</sup>  
1955 and 1960-66

Million Metric Tons											
	1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES <sup>b</sup> .....	931*	836*	815*	836*	866*	894*	898*	887*			
US.....	442.4*	391.5*	378.7*	395.5*	430.4*	454.7*	475.3*	491.3*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	401*	516*	521*	535*	549*	567*	588*	596*			
USSR.....	276.6*	374.9*	377.0*	386.4*	395.1*	408.9*	427.9*	434.0*			
Eastern Europe.....	124*	141*	144*	148*	154*	158*	160*	162*			
Bulgaria.....	0.3*	0.6*	0.6*	0.6*	0.7*	0.6*	0.6*	0.5*			
Czechoslovakia.....	20.6*	26.2*	26.2*	27.1*	28.2*	28.2*	27.7*	26.8*			
East Germany.....	2.7*	2.7*	2.7*	2.6*	2.5*	2.3*	2.2*	2.1*			
Hungary.....	2.7*	2.8*	3.1*	3.3*	3.7*	4.1*	4.4*	4.4*			
Poland.....	94.5*	104.4*	106.6*	109.6*	113.2*	117.4*	118.8*	122.0*			
Rumania.....	3.4*	4.5*	4.9*	5.3*	5.7*	5.9*	6.0*	6.1*			
Far East											
Communist China <sup>c</sup> .....	98.3*	330.0	240.0	210.0	215.0	220.0	230.0	240.0			
North Korea.....	1.9*	6.8*	7.6*	8.6*	9.2*	9.3*	12.4	14.0			
North Vietnam.....	0.6	2.6	2.8	3.5	3.3	3.4	4.0	4.1			
Other											
Yugoslavia.....	1.2*	1.3*	1.3*	1.2*	1.3*	1.3*	1.2*	1.1*			
Other NATO Countries											
	1955	1960	1966		1955	1960	1966				
Belgium.....	30.0*	22.5*	17.5*	Netherlands...	11.9*	12.8*	10.0*	Turkey.....	3.5*	3.6*	4.9*
Canada.....	11.4*	8.0*	8.4*	Norway <sup>d</sup> .....	0.3*	0.4*	0.4*	UK <sup>e</sup> .....	225.2*	196.8*	177.4*
France.....	55.3*	56.0*	50.3*	Portugal.....	0.4*	0.4*	0.4*	West Germany <sup>f</sup> ..	149.1*	143.3*	126.0*
Italy.....	1.1*	0.7*	0.4*								
Other Free World Countries											
	1955	1960	1966		1955	1960	1966		1955	1960	1966
Australia <sup>g</sup> .....	19.6*	22.9*	33.9*	Japan.....	42.4*	51.1*	51.3*	Spain.....	12.4*	13.8*	12.8*
India.....	38.8*	52.6*	69.9*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for anthracite and bituminous coal.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Including a negligible amount of brown coal.<sup>d</sup> Data are for Norwegian mines in Svalbard only.<sup>e</sup> Excluding data for Northern Ireland.<sup>f</sup> Including low-quality coal at its hard-coal equivalent.<sup>g</sup> Including waste.

Table 106

Production of Brown Coal and Lignite  
1955 and 1960-66

								Million Metric Tons																								
	1955			1960			1961			1962			1963			1964			1965			1966										
NATO COUNTRIES <sup>a</sup> .....		101*			111*			113*			118*			123*			128*			120*			116*									
US.....		2.9*			2.5*			2.7*			2.8*			2.5*			2.7*			2.8*			3.1*									
COMMUNIST COUNTRIES																																
USSR and Eastern Europe...		392*			470*			487*			507*			530*			553*			554*			554*									
USSR.....		113.3*			134.7*			129.3*			131.0*			136.6*			145.1*			149.8*			151.0*									
Eastern Europe.....		278*			336*			358*			376*			394*			408*			404*			403*									
Bulgaria.....		9.1*			15.4*			17.0*			19.1*			20.3*			23.8*			24.5*			24.7*									
Czechoslovakia.....		40.4*			57.9*			64.6*			68.8*			72.4*			74.5*			72.3*			72.4*									
East Germany.....		200.6*			225.5*			236.9*			247.0*			254.2*			256.9*			251.3*			248.6*									
Hungary.....		19.6*			23.7*			25.1*			25.3*			26.8*			27.4*			27.1*			26.0*									
Poland.....		6.0*			9.3*			10.3*			11.1*			15.3*			20.3*			22.6*			24.5*									
Rumania.....		2.8*			3.7*			3.8*			4.3*			4.6*			5.2*			6.0*			6.6*									
Far East <sup>b</sup>																																
North Korea <sup>c</sup> .....		1.3*			3.5*			3.8*			4.3*			4.5*			4.8*			5.0*			5.5*									
Other																																
Albania.....		0.2*			0.3*			0.3*			0.3*			0.3*			0.3*			0.3*			0.4*									
Yugoslavia.....		14.1*			21.4*			22.8*			23.5*			26.1*			28.3*			28.8*			28.2*									
Other NATO Countries																																
		1955			1960			1966					1955			1960			1966					1955			1960			1966		
Canada.....		2.1*			2.0*			1.9*			Greece.....		0.8*			2.5*			4.8*			Turkey.....		1.2* <sup>e</sup>			1.9*			2.9*		
Denmark.....		0.8*			2.3*			1.4* <sup>d</sup>			Italy.....		0.4*			0.8*			1.1*			West Germany.		90.3*			96.1*			98.1*		
France.....		2.1*			2.3*			2.6*			Portugal.....		0.1*			0.2*			0.1*													
Other Free World Countries																																
		1955			1960			1966					1955			1960			1966					1955			1960			1966		
Australia.....		10.3*			15.2*			22.2*			Japan.....		1.4*			1.4*			0.5*			Spain.....		1.8*			1.8*			2.6*		
Austria.....		6.6*			6.0*			5.3*			New Zealand...		1.8*			2.2*			1.9*													

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Negligible production for Communist China is included in Table 105, p. 108.

<sup>c</sup> Including unknown amounts of hard coal.

<sup>d</sup> Data are for 1965 and are included in the NATO total for 1966.

<sup>e</sup> State-owned mines, only.

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Table 107

Production of Metallurgical Coke <sup>a</sup>  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	159,000*	149,000*	143,000*	139,000*	141,000*	152,000*	158,000*	153,000*
US.....	68,313*	51,917*	46,911*	47,092*	49,240*	56,377*	60,649*	60,914*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	55,800*	73,100*	75,700*	79,000*	82,900*	86,200*	88,200*	89,300*
USSR.....	43,593*	56,233*	58,604*	60,929*	63,873*	66,246*	67,500*	68,500*
Eastern Europe.....	12,200*	16,900*	17,100*	18,100*	19,100*	20,000*	20,700*	20,800*
Bulgaria <sup>c</sup> .....	10*	20*	20*	8*	128*	471*	733*	750*
Czechoslovakia.....	5,460*	6,842*	7,009*	7,348*	7,742*	7,952*	7,875*	7,875*
East Germany.....	458*	1,008*	1,030*	1,031*	1,030*	1,350*	1,350*	1,400*
Hungary <sup>d</sup> .....	30*	499*	597*	655*	660*	665*	642*	646*
Poland.....	6,127*	7,712*	7,517*	7,920*	8,360*	8,403*	8,928*	9,114*
Rumania.....	144*	820*	940*	1,119*	1,141*	1,146*	1,135*	970*
Far East								
Communist China <sup>e</sup> .....	3,658*	25,000	11,107	6,615	6,780	7,139	7,788	9,735
North Korea.....	207*	817*	820*	1,170*	1,200*	1,200*	N.A.	N.A.
North Vietnam.....	0	N.A.	N.A.	N.A.	N.A.	N.A.	100	100
Other								
Yugoslavia.....	731*	1,083*	1,099*	1,107*	1,090*	1,160*	1,253*	1,214*

## Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium....	6,600*	7,525*	6,960*	Italy.....	2,954*	3,715*	6,255*	UK.....	18,394*	19,136*	16,800*
Canada <sup>f</sup> ....	3,369*	3,514*	4,016*	Netherlands <sup>g</sup> ..	3,901*	4,517*	3,830*	West Ger-			
France <sup>h</sup> ....	10,760*	13,635*	12,931*	Turkey.....	547*	529*	1,243* <sup>i</sup>	many <sup>b</sup> ..	44,460*	44,681*	39,870*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for oven and beehive coke and exclude breeze coke.<sup>b</sup> Net production, excluding coke consumed by coking plants. NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Prior to 1963, foundry coke, not suitable for blast furnaces. Production in 1963-66 is believed to be primarily metallurgical coke.<sup>d</sup> Data include metallurgical coke, but a large part of this "metallurgical coke" is produced in gas plants and is used with high-quality coke in charging blast furnaces.<sup>e</sup> Excluding coke made in beehive, clamp, native, and "small modern" furnaces.<sup>f</sup> Beginning 1960, including breeze coke.<sup>g</sup> Data are for 1965 and are included in the NATO total for 1966.<sup>h</sup> Including electrode coke but excluding low-temperature coke.

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FUELS AND POWER

Table 108

Production of Crude Oil \*  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	359,000*	386,000*	397,000*	409,000*	422,000*	430,000*	442,000*	477,000*
US.....	335,744*	347,975*	354,303*	361,658*	372,001*	376,609*	384,948*	410,689*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	83,400*	161,000*	180,000*	200,000*	221,000*	238,000*	258,000*	281,000
USSR.....	70,793*	147,859*	166,068*	186,244*	206,069*	223,603*	242,888*	265,000*
Eastern Europe.....	12,600*	13,200*	13,600*	14,100*	14,600*	14,900*	15,200*	15,600
Bulgaria.....	150*	200*	207*	199*	173*	160*	229*	390*
Czechoslovakia.....	107*	137*	154*	177*	180*	195*	192*	200
East Germany.....	0*	Negl.*	Negl.*	Negl.*	Negl.*	30*	60*	100
Hungary.....	1,601*	1,217*	1,457*	1,641*	1,756*	1,801*	1,802*	1,705*
Poland.....	180*	194*	203*	202*	212*	282*	339*	400*
Rumania.....	10,555*	11,500*	11,582*	11,864*	12,233*	12,395*	12,571*	12,825*
Far East								
Communist China <sup>c</sup> .....	966*	4,600	4,500	5,000	5,800	6,900	7,900	10,000
Other								
Albania.....	208*	728*	771*	785*	751*	764*	810	830
Cuba.....	N.A.	20	N.A.	N.A.	30	30	30	30
Yugoslavia.....	257*	944*	1,341*	1,525*	1,611*	1,799*	2,064*	2,222*

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Canada...	17,492*	25,634*	49,000*	Netherlands..	1,024*	1,918*	2,368*	UK.....	151*	146*	82* <sup>d</sup>
France...	885*	1,983*	2,932*	Turkey.....	179*	375*	1,854*	West Germany..	3,147*	5,530*	7,869*
Italy.....	204*	1,998*	1,812*								

Other Free World Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Argentina..	4,365*	9,138*	14,970*	Kuwait.....	54,759*	81,867*	114,394*	Qatar.....	5,438*	8,212*	13,714*
Colombia <sup>e</sup> .	5,493*	7,584*	9,942*	Kuwait (Neu-				Saudi Ara-			
Indonesia..	11,730*	20,596*	27,960* <sup>f</sup>	tral zone)...	1,294*	7,289*	19,537*	bia.....	47,535*	62,068*	118,756*
Iran.....	16,356*	52,392*	101,895*	Mexico.....	12,786*	14,171*	17,990*	Venezuela..	113,041*	149,372*	176,748*
Iraq.....	33,241*	47,796*	67,859*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for crude oil and exclude shale oil, natural gasoline, and synthetic crude oil.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The data for NATO include shale oil.

<sup>c</sup> Including synthetic crude oil.

<sup>d</sup> Data are for 1965 and are included in the NATO total for 1966.

<sup>e</sup> Including natural gasoline.

<sup>f</sup> Data are for 1965.

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Table 109

Production of Petroleum Products \*  
1955 and 1960-66

Million Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	454*	550*	580*	614*	666*	721*	772*	N.A.*
US.....	338.7*	360.3*	364.7*	373.3*	397.4*	412.9*	423.7*	N.A.*
COMMUNIST COUNTRIES <sup>c</sup>								
USSR and Eastern Europe...	76.2	136	148	165	180	195	210	222
USSR <sup>d</sup> .....	60.7	116.1	126.3	141.5	155.0	166.0	177.0	188.0
Eastern Europe.....	15.5	20.1	21.2	23.2	25.0	28.6	32.7	33.9
Bulgaria.....	Negl.	0.1	0.1	0.1	0.5	1.9*	2.2*	2.4
Czechoslovakia.....	1.0	2.6	3.0	3.8	4.3	5.0	5.8	6.0
East Germany.....	2.1	3.1	3.4	3.7	4.0	4.5	5.6	6.0
Hungary.....	1.6*	2.5*	2.8*	3.1*	3.2*	3.6*	3.9*	4.1
Poland.....	0.7*	0.8*	0.9*	1.2*	1.4*	1.9*	3.4*	3.5
Rumania.....	10.1	11.0	11.0	11.3	11.6	11.7	11.8	11.9
Far East								
Communist China.....	1.2	4.7	4.0	4.5	5.3	6.3	7.2	9.0
Other								
Albania.....	0.1	0.3	0.4	0.4	0.4	0.4	0.5	0.5
Cuba.....	0.7*	3.1*	2.7	3.2	3.3	3.1	3.2	3.6
Yugoslavia.....	0.4*	1.3*	1.3*	1.7*	1.8*	2.1*	2.9*	4.1*

Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium....	4.3*	6.6*	14.8*	Greece.....	Negl.*	1.6*	1.8*	Portugal.....	0.8*	1.3*	1.6*
Canada....	24.3*	35.6*	46.4*	Italy.....	16.1*	29.0*	65.2*	Turkey.....	0.1*	0.3*	4.2*
Denmark....	Negl.*	Negl.*	3.6*	Netherlands...	11.9*	18.5*	29.1*	UK.....	25.4*	40.9*	60.9*
France <sup>e</sup> ....	23.0*	29.8*	56.8*	Norway.....	0.1*	0.1*	2.8*	West Germany.	9.3*	26.2*	60.9*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for (where produced) gasoline, kerosine, distillate fuel oil, lubricating oil, residual and other petroleum products, natural gasoline, and liquefied petroleum gases. Data exclude some minor miscellaneous products such as white spirits and asphalt.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Data include products from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.

<sup>d</sup> Excluding relatively small yields of synthetic stocks.

<sup>e</sup> Before 1 April 1962, including data for Algeria.

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Table 110

Production of Natural Gas \*  
1955 and 1960-66

Million Cubic Meters

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	275,000*	387,000*	406,000*	433,000*	463,000*	494,000*	513,000*	548,000*
US <sup>c</sup> .....	266,331*	361,637*	375,314*	392,944*	417,581*	440,233*	454,200*	486,400*
COMMUNIST COUNTRIES <sup>d</sup>								
USSR and Eastern Europe...	16,300*	57,600*	72,200*	88,700*	107,000*	127,000*	148,000*	165,000
USSR <sup>e</sup> .....	8,981*	45,303*	58,981*	73,525*	89,832*	108,566*	127,668*	143,000
Eastern Europe.....	7,290*	12,300*	13,300*	15,200*	16,900*	18,400*	20,600*	22,400
Czechoslovakia.....	173*	1,294*	1,263*	1,068*	998*	845*	764*	700
East Germany.....	10*	26*	40*	50*	101*	108*	200*	200
Hungary.....	545*	342*	324*	340*	611*	784*	1,107*	1,553*
Poland.....	393*	541*	722*	791*	945*	1,180*	1,280*	1,300
Rumania <sup>e</sup> .....	6,169*	10,142*	10,914*	12,906*	14,262*	15,483*	17,281*	18,616*
Other								
Yugoslavia.....	55*	53*	69*	95*	191*	274*	330*	402*

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Canada..	4,269*	14,809*	40,700*	Italy.....	3,627*	6,447*	8,824*	West Germany..	240*	448*	2,813*
France..	256*	2,846*	5,154*	Netherlands....	135*	330*	3,740*				

Other Free World Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Argentina....	719*	1,383*	4,656*	Mexico <sup>f</sup> .....	3,392*	9,665*	15,000*	Venezuela...	2,748*	4,585*	6,800*
Japan.....	145*	676*	1,821*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data include only nonassociated gas from natural gas wells and associated gas from petroleum fields.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data are for net production—that is, for gas actually collected and utilized as fuel or raw material. They thus exclude gas used for repressuring, as well as gas flared, vented, or otherwise wasted, whether or not it has first been processed for the extraction of natural gasoline.

<sup>c</sup> Data for the US are in terms of net marketed production and agree with the general definition for the NATO data. Data for the USSR are believed to refer to gross production less losses and waste. US gross production (less losses and waste), which would include gas returned to reservoirs in order to maintain horizon pressure (about 9 percent of gross production in 1965) would be as follows (billion cubic meters):

1955	1960	1961	1962	1963	1964	1965
310	411	423	442	470	484	500

A much smaller share of total production in the USSR is believed to be used for repressuring.

<sup>d</sup> Gross production.

<sup>e</sup> Including methane (dry) gas and wet gas from oilfields.

<sup>f</sup> Including gas used for repressuring and wasted.

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Table 111

Production of Electric Power \*  
1955 and 1960-66

Billion Kilowatt-Hours

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	1,070*	1,470*	1,540*	1,660*	1,780*	1,920*	2,050*	2,190*
US.....	667.02*	893.72*	933.06*	1,001.43*	1,074.61*	1,151.52*	1,229.04*	1,326.93*
Of which: hydro.....	116.24*	149.12*	155.22*	171.69*	168.99*	180.30*	196.98*	197.63*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	244*	406*	452*	504*	555*	616*	677*	730*
USSR.....	170.22*	292.27*	327.61*	369.28*	412.42*	458.90*	506.71*	545.00*
Of which: hydro.....	23.16*	50.91*	59.12*	71.94*	75.86*	77.36*	81.43*	85.00*
Eastern Europe.....	73.3*	114*	124*	134*	143*	157*	170*	185*
Bulgaria.....	2.07*	4.66*	5.41*	6.04*	7.18*	8.70*	10.23*	11.74*
Czechoslovakia.....	15.01*	24.45*	26.90*	28.73*	29.86*	31.98*	34.20*	36.53*
East Germany.....	28.70*	40.30*	42.52*	45.06*	47.45*	51.03*	53.61*	56.45*
Hungary.....	5.43*	7.62*	8.38*	9.12*	9.66*	10.58*	11.18*	11.86*
Poland.....	17.75*	29.31*	32.25*	35.38*	36.96*	40.61*	43.77*	47.36*
Rumania.....	4.34*	7.65*	8.66*	10.09*	11.68*	13.85*	17.20*	20.77*
Far East								
Communist China.....	12.28*	47*	31*	30*	33*	36*	40	44
North Korea.....	3.14*	9.14*	10.04*	11.44*	11.78*	12.50*	13.40*	12.5
North Vietnam.....	0.05*	0.26*	0.30*	0.37*	0.46*	0.55*	0.60	0.55
Other								
Albania.....	0.08*	0.19*	0.23*	0.24*	0.26*	0.29*	0.32*	0.40*
Cuba.....	1.87	2.98*	3.00*	2.97*	3.03*	3.18	3.38	3.58
Yugoslavia.....	4.34*	8.90*	9.92*	11.27*	13.54*	14.19*	15.52*	17.00*

## Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium...	11.72*	15.15*	22.89*	Iceland.....	0.41*	0.55*	0.72*	Portugal.....	1.89*	3.26*	5.58*
Canada....	83.13*	115.02*	159.47*	Italy.....	38.12*	56.24*	80.90*	Turkey.....	1.58*	2.82*	5.61*
Denmark...	4.17*	5.57*	10.05*	Luxembourg...	1.19*	1.57*	2.29*	UK.....	94.08*	136.97*	200.70*
France....	51.53*	75.01*	110.21*	Netherlands...	11.19*	16.52*	27.87*	West Germany.	78.86*	116.42*	178.32*
Greece.....	1.39*	2.29*	5.67*	Norway.....	22.70*	31.14*	48.25*				

## Other Free World Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
India.....	10.88*	20.12* <sup>d</sup>	41.38*	Spain.....	11.92*	18.61*	36.75*	Sweden.....	24.72*	34.74*	50.77*
Japan.....	63.60*	111.50*	208.70*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are for total (gross) production at generating centers and therefore include transmission losses and station use. (See footnote b, below.)<sup>b</sup> Data are gross production or estimates of gross production based on reported net, adjusted by increasing by 7.5 percent the thermal electric production to include production that is consumed by the station itself. Hydroelectric production that is consumed by the station itself is a negligible part of the total gross production. Therefore, no attempt has been made to adjust the net production for hydroelectric power.<sup>c</sup> Including data for West Berlin, for which separate data are not available.<sup>d</sup> Data are for the year beginning 1 April of the stated year.

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FUELS AND POWER

Table 112

Installed Electric Power Generating Capacity <sup>a</sup> in Selected Free World and Communist Countries  
1955 and 1960-66

	Thousand Kilowatts							
	1955	1960	1961	1962	1963	1964	1965	1966
<b>FREE WORLD COUNTRIES</b>								
US <sup>b</sup> .....	130,896*	185,815*	198,417*	208,741*	228,757*	240,471*	254,419*	266,135*
Canada.....	12,678* <sup>c</sup>	23,035*	24,091*	24,987*	26,320*	27,099*	29,394*	31,320*
France <sup>b</sup> .....	14,328*	20,220*	21,274*	22,241*	23,464*	24,526*	25,938*	N.A.*
India.....	3,474*	5,580* <sup>d</sup>	6,231* <sup>d</sup>	6,926* <sup>d</sup>	7,645* <sup>d</sup>	8,647* <sup>d</sup>	11,069* <sup>d</sup>	N.A.*
Italy <sup>b</sup> .....	11,107*	16,311*	17,086*	18,143*	19,140*	21,276*	22,963*	N.A.*
Japan <sup>d</sup> .....	14,509*	23,657*	25,954*	29,153*	34,283*	38,062*	41,099*	N.A.*
UK <sup>b</sup> .....	25,345*	34,058*	36,121*	39,203*	41,334*	42,033*	45,751* <sup>d</sup>	N.A.*
West Germany <sup>b</sup> .....	18,380*	25,900*	27,230*	29,285*	32,490*	34,555*	37,820*	N.A.*
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe								
USSR.....	37,246*	66,721*	74,098*	82,461*	93,050*	103,584*	114,988*	125,000*
Eastern Europe								
Bulgaria.....	432*	925*	1,043*	1,198*	1,493*	1,986*	2,155*	2,620*
Czechoslovakia.....	3,979*	5,662*	6,372*	6,784*	7,287*	8,109*	8,206*	9,086*
East Germany.....	5,045*	7,904*	8,329*	8,427*	8,894*	9,602*	10,349*	11,071*
Hungary.....	1,086*	1,479*	1,575*	1,647*	1,785*	1,908*	1,998*	2,348*
Poland.....	4,179*	6,316*	6,768*	7,716*	8,463*	9,203*	9,672*	9,900*
Rumania.....	1,220*	1,779*	1,863*	2,099*	2,356*	2,866*	3,258*	4,433*
Far East								
Communist China.....	3,000	10,900*	11,900*	12,500*	12,700*	12,900*	13,500*	13,900
North Korea.....	700	1,800	1,900	1,910	2,100	2,350	2,600	2,700
North Vietnam.....	50	125	125	139	175	175	175	187
Other								
Cuba.....	650	905*	960*	950*	985*	1,020*	1,020*	1,220
Yugoslavia.....	1,148*	2,402*	2,681*	3,001*	3,030*	3,114*	3,638*	4,135*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> All plants for both public and industrial use. Unless otherwise indicated, data are as of the end of the year.

<sup>b</sup> Data are for the maximum net capacity in continuous operation.

<sup>c</sup> Excluding some generation for industrial use.

<sup>d</sup> As of 31 March of the year following the stated year.

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Table 113

Production of Crude Steel \*  
1955 and 1960-66

Million Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	184*	194*	192*	191*	204*	235*	244*	243*
US <sup>c</sup> .....	106.17*	90.07*	88.92*	89.20*	99.12*	115.15*	118.98*	121.36*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	59.5*	86.5*	93.5*	101*	106*	112*	120*	128*
USSR.....	45.27*	65.29*	70.76*	76.31*	80.23*	85.04*	91.02*	96.90*
Eastern Europe.....	14.3*	21.2*	22.8*	24.7*	25.3*	27.3*	28.7*	30.6*
Bulgaria <sup>d</sup> .....	0.12*	0.30*	0.39*	0.48*	0.52*	0.54*	0.65*	0.76*
Czechoslovakia.....	4.47*	6.77*	7.04*	7.64*	7.80*	8.38*	8.60*	9.13*
East Germany.....	2.84*	3.79*	3.91*	4.09*	4.09*	4.39*	4.39*	4.54*
Hungary.....	1.63*	1.89*	2.05*	2.33*	2.37*	2.36*	2.52*	2.65*
Poland.....	4.43*	6.68*	7.23*	7.68*	8.00*	8.57*	9.09*	9.85*
Rumania.....	0.77*	1.81*	2.13*	2.45*	2.70*	3.04*	3.42*	3.67*
Far East								
Communist China.....	2.85*	18.45*	8	8	9	10	11	12
North Korea.....	0.14*	0.64*	0.78*	1.05*	1.02*	1.13*	1.23	1.30
Other								
Cuba.....	N.A.	N.A.	0.11	0.06	0.06	0.05	0.03	0.03
Yugoslavia.....	0.80*	1.44*	1.53*	1.60*	1.59*	1.67*	1.77*	1.86*

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium...	5.89*	7.18*	8.92*	Italy.....	5.40*	8.23*	13.67*	Portugal.....	Negl.*	Negl.*	0.22*
Canada....	4.11*	5.27*	9.07*	Luxembourg...	3.22*	4.08*	4.40*	Turkey.....	0.20*	0.28*	0.65*
Denmark...	0.24*	0.32*	0.40*	Netherlands...	0.98*	1.94*	3.29*	UK.....	20.11*	24.70*	24.70*
France....	12.59*	17.28*	19.58*	Norway.....	0.17*	0.48*	0.72*	West Germany.	24.50*	34.10*	35.32* <sup>f</sup>
Greece.....	0.06*	0.06*	0.21* <sup>g</sup>								

Other Free World Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Australia <sup>h</sup> ...	2.24*	3.75*	5.89*	Japan.....	9.41*	22.14*	47.78*	Sweden.....	2.15*	3.22*	4.75*
India.....	1.73*	3.29*	6.64* <sup>h</sup>	South Africa...	1.58*	2.11*	3.23* <sup>b</sup>				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for ingots and steel for castings.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Excluding steel for castings made in foundries operated by companies not producing ingots.

<sup>d</sup> Including an estimate for steel for castings for all years.

<sup>e</sup> Data are for 1965 and are included in the NATO total for 1966.

<sup>f</sup> Including data for West Berlin, for which separate data are not available.

<sup>g</sup> Ingots only.

<sup>h</sup> Including finished castings for sale.

Table 114

Production of Rolled Steel <sup>a</sup>  
1955 and 1960-66

Million Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	146*	151*	147*	148*	157*	179*	182*	N.A.*
US.....	84.50* <sup>c</sup>	69.35*	66.60*	68.04*	74.25*	85.14*	84.05*	N.A.*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	44.9*	65.8*	71.5*	76.8*	80.5*	85.8*	91.5*	98.5*
USSR.....	35.30*	51.00*	55.30*	59.30*	62.50*	66.70*	70.91*	76.60*
Eastern Europe.....	9.62*	14.8*	16.2*	17.5*	18.0*	19.1*	20.6*	21.9*
Bulgaria.....	0.07*	0.19*	0.27*	0.33*	0.35*	0.36*	0.43*	0.48*
Czechoslovakia.....	3.37*	5.11*	5.41*	5.83*	5.84*	6.46*	6.99*	7.37*
East Germany.....	1.88*	2.61*	2.70*	2.80*	2.81*	2.90*	2.99*	2.59*
Hungary.....	0.88*	1.23*	1.45*	1.61*	1.63*	1.65*	1.72*	1.74*
Poland.....	2.92*	4.42*	4.82*	5.24*	5.46*	5.71*	6.13*	7.12*
Rumania.....	0.50*	1.25*	1.52*	1.66*	1.92*	2.06*	2.35*	2.59*
Other								
Yugoslavia.....	0.49*	0.97*	1.01*	1.06*	1.15*	1.20*	1.19*	1.23*

Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium....	4.80* <sup>c</sup>	5.88* <sup>d</sup>	7.72* <sup>d</sup>	Italy.....	4.50* <sup>c</sup>	7.78*	10.62*	Portugal.....	N.A.*	N.A.*	0.22*
Canada....	3.14*	4.13*	6.72*	Luxembourg.	2.60* <sup>c</sup>	3.22*	3.60*	Turkey.....	0.20* <sup>c</sup>	0.21*	0.40*
Denmark...	0.20* <sup>c</sup>	0.22*	0.29*	Netherlands.	1.00* <sup>c</sup>	1.69*	2.38*	UK.....	15.70* <sup>c</sup>	18.41*	20.77*
France....	9.70* <sup>c</sup>	13.70*	15.72*	Norway.....	0.10* <sup>c</sup>	0.33*	0.53*	West Germany.	19.60* <sup>c</sup>	25.84*	28.48*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for hot-rolled steel, including pipes and tubes.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including steel castings and steel forgings.

<sup>d</sup> Including steel forgings.

UNCLASSIFIED

CLASSIFIED MATERIAL ON THE REVERSE

Table 115

Production of Pig Iron and Blast-Furnace Ferroalloys <sup>a</sup>  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	128,000*	136,000*	134,000*	134,000*	140,000*	164,000*	169,000*	169,000*
US.....	70,570*	61,072*	59,235*	60,138*	65,657*	78,213*	80,584*	83,603*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	42,200*	60,200*	64,900*	70,600*	74,400*	79,500*	84,000*	89,200*
USSR.....	33,310*	46,757*	50,893*	55,265*	58,691*	62,377*	66,184*	70,300*
Eastern Europe.....	8,860*	13,400*	14,000*	15,300*	15,800*	17,100*	17,900*	18,900*
Bulgaria.....	8* <sup>c</sup>	192*	200*	223*	265*	457*	695*	871*
Czechoslovakia.....	2,982*	4,696*	4,971*	5,177*	5,254*	5,716*	5,869*	6,245*
East Germany.....	1,517*	1,995*	2,031*	2,075*	2,150*	2,260*	2,338*	2,429*
Hungary.....	868*	1,246*	1,306*	1,382*	1,388*	1,494*	1,581*	1,634*
Poland.....	2,920*	4,253*	4,427*	4,933*	4,993*	5,268*	5,357*	5,518*
Rumania.....	570*	1,014*	1,099*	1,511*	1,706*	1,924*	2,019*	2,198*
Far East								
Communist China.....	3,872*	27,500* <sup>d</sup>	9,000	9,000	10,000	11,000	12,000	15,400
North Korea.....	112*	752*	810*	1,058*	986*	1,128*	N.A.	1,290
North Vietnam.....	0*	10*	10*	12*	15*	120	200	150
Other								
Yugoslavia.....	514*	972*	997*	1,050*	996*	1,026*	1,115*	1,130*

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium.....	5,390*	6,553*	8,231*	Luxemb-				Portugal..	Negl.*	Negl.*	243*
Canada.....	3,089*	4,025*	6,708*	bourg*.	3,085*	3,713*	3,963*	Turkey....	201*	247*	625*
Denmark....	54*	69*	82*	Nether-				UK.....	12,670*	16,016*	15,964*
France.....	10,960*	14,144*	15,580*	lands..	670*	1,346*	2,210*	West Ger-			
Italy.....	1,625*	2,715*	6,206*	Norway..	123*	373*	554*	many....	19,361*	25,729*	25,416* <sup>f</sup>

Other Free World Countries <sup>a</sup>

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Australia <sup>h</sup> .....	1,826*	2,939*	4,741*	Japan.....	5,420*	12,341*	32,748*	Sweden....	1,247*	1,627*	2,222* <sup>h</sup>
India.....	1,925*	4,260*	7,210*	South Africa.	1,301*	2,000*	3,744*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for pig iron and blast-furnace ferroalloys and exclude ferroalloys obtained from electric furnaces and sponge iron.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Although the Bulgarian yearbooks list these data as pig iron, they probably refer to iron castings because there were no facilities for production of pig iron before 1957.

<sup>d</sup> Including 13.4 million metric tons made in "small blast furnaces," of which 6.5 million metric tons was usable for steelmaking.

<sup>e</sup> Including small quantities of foreign-produced pig iron returned to furnaces.

<sup>f</sup> Including data for West Berlin, for which separate data are not available.

<sup>g</sup> Data may include some electric-furnace ferroalloys.

<sup>h</sup> Excluding ferroalloys.

Table 116  
Production of Iron Ore <sup>a</sup>  
1955 and 1960-66

	Million Metric Tons							
	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	209*	218*	201*	204*	195*	215*	220*	218*
US <sup>c</sup> .....	104.65*	89.04*	72.95*	73.75*	73.49*	82.68*	89.18*	92.92*
COMMUNIST COUNTRIES <sup>d</sup>								
USSR and Eastern Europe...	78.8*	115*	128*	139*	149*	156*	166*	173*
USSR.....	71.86*	105.86*	117.63*	128.11*	137.50*	145.86*	153.43*	160.00*
Eastern Europe.....	6.95*	9.34*	10.1*	10.6*	11.4*	10.6*	12.1*	12.8*
Bulgaria.....	0.11*	0.42*	0.42*	0.64*	0.66*	0.72*	1.80*	2.41*
Czechoslovakia.....	2.49*	3.12*	3.29*	3.48*	3.41*	2.85*	2.57*	2.26*
East Germany.....	1.66*	1.64*	1.64*	1.64*	1.66*	1.63*	1.63*	1.65*
Hungary.....	0.35*	0.52*	0.61*	0.68*	0.73*	0.78*	0.76*	0.75*
Poland.....	1.70*	2.18*	2.39*	2.44*	2.61*	2.68*	2.86*	3.05*
Rumania.....	0.64*	1.46*	1.74*	1.74*	2.29*	1.93*	2.48*	2.66*
Far East								
Communist China.....	9.60*	56.43	28.63	18.39	20.44	22.50	24.83	31.10
North Korea.....	0.14*	3.11*	3.54*	3.34*	3.88*	4.00* <sup>e</sup>	4.96* <sup>f</sup>	5.00*
North Vietnam.....	N.A.	0.02*	0.02*	0.03*	0.07*	0.25	0.40	0.30
Other								
Albania <sup>g</sup> .....	0*	0.26*	0.36*	0.42*	0.26*	0.34*	0.39*	N.A.
Yugoslavia.....	1.40*	2.20*	2.18*	2.19*	2.30*	2.31*	2.50*	2.49*

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium.....	0.11*	0.16*	0.12*	Greece.....	0.19*	0.30*	0.30*	Portugal.....	0.19*	0.29*	0.18*
Canada <sup>h</sup> .....	14.77*	19.55*	36.83*	Italy.....	1.38*	1.25*	0.81*	Turkey.....	0.76*	0.79*	1.66*
Denmark.....	0.12*	0.07*	0.04*	Luxembourg.....	7.20*	6.98*	6.53*	UK <sup>i</sup> .....	16.44*	17.36*	13.76*
France.....	50.26*	66.91*	55.05*	Norway <sup>j</sup> ....	1.26*	1.58*	2.36*	West Germany <sup>k</sup> .....	11.86*	14.18*	7.19* <sup>l</sup>

Other Free World Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Austria.....	2.84*	3.54*	3.48*	Japan <sup>m</sup> .....	1.56*	2.85*	2.38*	Sweden <sup>n</sup> .....	17.35*	21.70*	28.34*
India.....	N.A. <sup>*</sup>	16.61*	26.95*	Spain.....	3.71*	5.49*	5.15*	Venezuela.....	8.44*	19.49*	17.84*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for the gross amount of marketable iron ores in the state in which they leave the mines, including manganiferous ores but excluding pyrites.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The metal content of the ore in the NATO countries and other Free World countries follows: Austria, Luxembourg, and the UK, 27 to 30 percent; Belgium, France, and West Germany, 31 to 34 percent; Greece, Italy, Portugal, Spain, and the US, 46 to 50 percent; Canada and Japan, 55 percent; Sweden and Turkey, 60 to 61 percent; and India, Norway, and Venezuela, 57 to 62 percent. The metal content of iron ore in Denmark is not available.

<sup>c</sup> Excluding manganiferous iron ore containing 5 percent or more of manganese.

<sup>d</sup> The metal content of the ore in selected Communist countries follows: the USSR, in terms of dressed ore, 55 percent of the ore; Communist China, 20 to 50 percent; North Korea, 40 to 50 percent; Albania, 50 to 55 percent (1 percent nickel); Bulgaria, 38 to 50 percent; Czechoslovakia, 34 percent; East Germany, 25 to 30 percent; Hungary, 24 to 28 percent; Poland, 30 percent; Rumania, 32 to 40 percent; Yugoslavia, 40 percent; and North Vietnam, 55 percent.

<sup>e</sup> Plan data.

<sup>f</sup> Based on an announced increase for 1965 of 24 percent applied to 1964 plan data.

<sup>g</sup> Iron-nickel ore that is mined for its nickel content.

<sup>h</sup> Shipments.

<sup>i</sup> Data are for concentrates only and exclude titaniferous ores.

<sup>j</sup> Excluding certain grades.

<sup>k</sup> Merchant ores and concentrates.

<sup>l</sup> Including data for West Berlin, for which separate data are not available.

<sup>m</sup> Including iron sand and pyrites.

<sup>n</sup> Including concentrates.

Table 117

Production of Manganese Ore \*  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES <sup>b</sup> .....	396*	189*	161*	113*	84.7*	129*	166*	N.A.*			
US <sup>c</sup> .....	261*	73*	42*	22*	10*	24*	27*	N.A.*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	5,590*	6,350*	6,440*	6,840*	7,200*	7,500*	8,040*	N.A.			
USSR.....	4,743*	5,872*	5,972*	6,402*	6,663*	7,096*	7,576*	8,100*			
Eastern Europe.....	843*	477*	469*	436*	535*	407*	461*	N.A.			
Bulgaria.....	63*	25*	37*	35*	38*	52*	42*	42*			
Czechoslovakia.....	260*	154*	101*	83*	85*	84*	80*	94*			
Hungary.....	130*	123*	125*	129*	152*	171*	213*	207*			
Rumania.....	390*	175*	206*	189*	260*	100*	126*	N.A.			
Far East											
Communist China.....	196	708	228	242	281	372	312	375			
Other											
Cuba.....	258* <sup>d</sup>	16* <sup>e</sup>	89	70	81*	85	120	115			
Yugoslavia.....	11*	13*	14*	15*	8*	8*	8*	9*			
Other NATO Countries											
	1955	1960	1965		1955	1960	1965				
Greece.....	25*	31*	70*	Portugal....	4*	7*	8*	Turkey.....	50*	28*	14*
Italy.....	57*	49*	48*								
Other Free World Countries											
	1955	1960	1965		1955	1960	1965		1955	1960	1965
Brazil.....	213*	999*	1,177*	India.....	1,609*	1,199*	1,504*	South Africa...	589*	1,194*	1,567*
Congo (Kinshasa).	462*	382*	378*	Japan.....	202*	324*	307*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> The metal content of the ore of the various countries follows: the US, more than 35 percent; other Free World countries and Cuba, 30 to 50 percent; the USSR, about 45 percent; Communist China and Yugoslavia, about 35 percent; Rumania, 30 percent; Czechoslovakia, less than 30 percent; Bulgaria, about 27 percent; and Hungary, 26 percent.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Shipments.

<sup>d</sup> Exports.

<sup>e</sup> US imports.

Table 118

Production of Refined Nickel <sup>a</sup>  
1955 and 1960-66

								Metric Tons			
	1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES <sup>b</sup> .....	145,000*	205,000*	212,000*	207,000*	184,000*	200,000*	248,000*	N.A.*			
US <sup>c</sup> .....	3,454*	12,975*	10,139*	10,176*	10,371*	11,054*	12,256*	11,793*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	46,100	71,700	81,700	89,800	98,700	105,000	115,000	130,000			
USSR.....	46,000	71,500	81,500	89,600	98,500	105,000	115,000	130,000			
Eastern Europe.....	130	222	220	220	190	125	50	0			
East Germany.....	130	222	220	220	190	125	50	0			
Far East											
North Korea.....	0*	200*	250*	300*	320*	320*	N.A.	N.A.			
Other											
Cuba <sup>d</sup> .....	13,733*	14,700	17,858	22,292	19,551*	22,206*	28,865	26,000			
Other NATO Countries											
	1955	1960	1965	1955	1960	1965	1955	1960	1965		
Canada <sup>e</sup> ....	90,718*	114,735*	155,000*	Italy....	60*	500*	350* <sup>f</sup>	UK.....	24,700*	34,300*	40,487*
France <sup>f</sup> ....	5,750*	10,016*	8,150*	Norway.	18,498*	30,428*	31,835*	West Germany.	2,308*	2,523*	305*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for refined metal.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Nickel recovered from refined domestic ore and nickel recovered as a byproduct of electrolytic refining of copper. Secondary nickel produced from nonferrous scrap is excluded.<sup>d</sup> Nickel content of oxides and sulfides.<sup>e</sup> Production of nickel in all forms for Canada (refined nickel, nickel in oxide produced, and recoverable nickel in matte exported) follows (in metric tons): for 1955, 158,690; for 1960, 194,600; for 1961, 211,400; for 1962, 210,700; for 1963, 198,700; for 1964, 207,300; and for 1965, 236,900. Much of this production is exported for refining in other countries, especially the UK and Norway.<sup>f</sup> Excluding data for New Caledonia.<sup>g</sup> Data are for 1964 and are included in the NATO total for 1965.



Table 119

Production of Chromite \*  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	378*	279*	273*	245*	135*	205*	274*	N.A.*
US <sup>c</sup> .....	56.0*	37.4* <sup>d</sup>	28.6* <sup>d</sup>	Negl.*	Negl.*	Negl.*	Negl.*	Negl.*
COMMUNIST COUNTRIES <sup>e</sup>								
USSR.....	304.0	519.5	544.8	588.0	658.8	690.0	735.0	800.0
North Vietnam.....	0	19.4*	29.5*	32.6*	30.3*	29.0	32.0 <sup>f</sup>	32.0
Albania.....	54.9	130.1*	104.6*	113.1*	132.1*	137.5*	139.5	135.9
Cuba.....	27.8*	10.0* <sup>g</sup>	14.2	50.5	50.3	32.8	43.2	33.0
Yugoslavia.....	31.2*	25.4*	28.1*	26.1*	24.4*	23.0*	20.8	13.6*

Other NATO Countries

	1955	1960	1965		1955	1960	1965
Greece.....	10.1*	20.6*	20.5* <sup>h</sup>	Turkey....	311.6*	220.7*	253.4*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>) content of the ores mined. In many instances, data are only approximate.

<sup>b</sup> NATO totals include only data for the US, Greece, and Turkey.

<sup>c</sup> Shipments.

<sup>d</sup> Production for the Federal Government only.

<sup>e</sup> The following percentages were used to reduce the estimates of the ores mined in the Communist countries to show the chromic oxide content: USSR, a part at 35 percent and the remainder at 40 percent; North Vietnam, at 50 percent; Albania, at 45 percent; Cuba, at 35 percent; and Yugoslavia, at about 26 percent.

<sup>f</sup> Based on plan data.

<sup>g</sup> US imports.

<sup>h</sup> Data are for 1964 and are included in the NATO total for 1965.

Table 120

Production of Molybdenum <sup>a</sup>  
1955 and 1960-66

1955 and 1956-66										Metric Tons				
				1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES <sup>b</sup> .....				28,600*	31,500*	30,800*	23,900*	30,100*	30,500*	39,900*	49,200*			
US.....				28,023*	30,952*	30,192*	23,244*	29,488*	29,758*	35,095*	40,370*			
COMMUNIST COUNTRIES														
USSR.....				2,820	4,800	5,200	5,300	6,370	6,700	7,300	7,600			
Far East														
Communist China.....				1,250	3,800	3,800	1,800	1,300	1,300	1,000	1,000			
North Korea.....				100	160	175*	200*	200*	210*	N.A.	N.A.			
Other NATO Countries														
				1955	1960	1966				1955	1960	1966		
Canada.....				378*	348*	8,618*	Norway.....	172*	246*	226* <sup>c</sup>	Portugal....	5*	0*	0*
Other Free World Countries														
				1955	1960	1966				1955	1960	1966		
Chile.....				1,278*	1,852*	4,990*	Japan.....	199*	381*	272*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Molybdenum content of ores and concentrates.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Data are for 1965 and are included in the NATO total for 1966.

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Table 121

Production of Cobalt <sup>a</sup>  
1955 and 1960-66

	Metric Tons							
	1955	1960	1961	1962	1963	1964	1965	1966
<b>FREE WORLD COUNTRIES</b>								
Canada <sup>b</sup> . . . . .	1,505*	1,618*	1,443*	1,579*	1,372*	1,450*	1,723*	1,633*
Congo (Kinshasa) <sup>c</sup> . . . . .	8,567*	8,222*	8,326*	9,683*	7,376*	7,893*	8,350*	9,457*
Morocco . . . . .	757*	1,271*	1,290*	1,436*	1,371*	1,678*	1,832*	1,814*
Zambia <sup>c</sup> . . . . .	672*	1,847*	1,543*	863*	706*	1,408*	1,544*	1,588*
US . . . . .	843*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*
<b>COMMUNIST COUNTRIES <sup>d</sup></b>								
USSR . . . . .	935	1,640	1,840	2,155	2,520	2,600	3,400	3,800

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for the cobalt content of ores mined.

<sup>b</sup> Including metal, salts, and oxides recovered from smelter products and residues exported.

<sup>c</sup> Cobalt content of alloys.

<sup>d</sup> Bulgaria reportedly began production of cobalt concentrates in 1956, but there has been no further confirmation. Communist China is believed to be producing a negligible amount of cobalt concentrates.

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ORES AND METALS

Table 122

Production of Tungsten Ore <sup>a</sup>  
1955 and 1960-66

	Metric Tons							
	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	22,500*	10,300*	11,200*	10,800*	7,450*	10,200*	8,870*	N.A.*
US <sup>c</sup> .....	14,889*	6,645*	7,480*	7,647*	5,132*	8,386*	7,211*	N.A.*
COMMUNIST COUNTRIES								
USSR.....	7,500	12,150	13,400	14,000	16,000	16,000	19,000	19,000
Far East								
Communist China.....	20,000	20,000	20,000	19,000	17,000	10,000	10,000	10,000
North Korea.....	1,864*	3,000*	3,100*	3,900*	4,000	4,200*	N.A.	N.A.

Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Canada....	1,468*	N.A.*	N.A.*	Italy.....	27*	7*	1*	UK.....	73*	0*	0*
France....	1,379*	683*	N.A.*	Portugal.....	4,647*	2,917*	1,660*				

Other Free World Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Australia..	2,508*	1,882*	1,993*	Congo (Kinshasa) <sup>e</sup> ..	1,572* <sup>f</sup>	575*	215*	Spain.....	1,568*	934*	70*
Bolivia <sup>d</sup> ...	5,384*	2,150*	1,853*	South Korea.....	3,408*	5,734*	4,477*	Thailand..	1,240*	442*	553*
Burma <sup>c</sup> ...	2,655*	944*	354*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for the estimated tonnage of tungsten concentrates, 60 percent tungsten trioxide (WO<sub>3</sub>) basis.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Shipments.

<sup>d</sup> Exports.

<sup>e</sup> Including WO<sub>3</sub> in tin-tungsten concentrates.

<sup>f</sup> Including data for Rwanda and Burundi.

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Table 123

Production of Gold •  
1955 and 1960-66

Million US \$

	1955	1960	1961	1962	1963	1964	1965	1966
<b>FREE WORLD COUNTRIES</b>								
US.....	65.7*	58.8*	54.5*	54.5*	51.4*	51.4*	58.6*	N.A.*
Australia.....	36.7*	38.0*	37.7*	37.6*	35.8*	33.7*	30.6*	31.6*
Canada.....	159.0*	162.0*	155.5*	145.5*	139.0*	133.0*	125.6*	114.6*
Colombia.....	13.3*	15.2*	14.0*	13.9*	11.4*	12.8*	11.2*	10.1*
Congo (Kinshasa).....	12.9*	11.1*	8.2*	7.2*	7.9*	7.8*	2.3*	4.7*
Ghana.....	24.0*	30.8*	29.2*	31.1*	32.2*	30.3*	26.4*	23.2*
India.....	7.4*	5.6*	5.5*	5.7*	4.8*	5.2*	4.6*	4.2*
Japan.....	10.1*	11.8*	13.2*	14.7*	15.1*	16.1*	18.1*	19.4*
Mexico.....	13.3*	10.5*	9.4*	8.2*	8.3*	7.4*	7.6*	7.4*
Nicaragua.....	9.0*	6.9*	7.9*	7.8*	7.1*	6.9*	5.6*	5.4*
Peru.....	6.0*	4.0*	4.8*	4.3*	3.5*	3.2*	3.4*	N.A.*
Philippines.....	14.7*	14.4*	14.8*	14.8*	13.2*	14.9*	15.2*	15.2*
Rhodesia.....	18.4*	19.7*	20.0*	19.1*	19.8*	20.1*	N.A.*	N.A.*
South Africa.....	511.0*	748.4*	802.9*	892.2*	960.6*	1,018.9*	1,069.4*	1,080.8*
<b>COMMUNIST COUNTRIES</b>								
USSR.....	106	124	133	143	153	164	176	188
Communist China.....	N.A.	35.0	24.5	24.5	24.5	24.5	24.5	24.5
Czechoslovakia.....	N.A.	N.A.	N.A.	N.A.	N.A.	5.7	5.7	5.7
Rumania.....	3.7	12.8	12.8	14.7	14.7	15.0	15.0	16.2

\* An asterisk indicates that the data are unclassified.

\* Based on a value of \$35 per troy ounce.

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Table 124

Production of Refined Copper <sup>a</sup>  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	2,410*	2,850*	2,860*	2,920*	2,930*	3,120*	3,330*	3,350*
US <sup>c</sup> .....	1,436.1*	1,642.6*	1,661.8*	1,725.8*	1,722.2*	1,821.1*	1,956.8*	1,998.9*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	442 <sup>d</sup>	587	632	700	762*	831*	904*	963*
USSR.....	377.3*	490.0*	530.0*	590.0*	640.0*	700.0*	770.0*	825.0*
Eastern Europe.....	64.6 <sup>d</sup>	97.2	102	110	122*	131*	134*	138*
Bulgaria.....	3.8* <sup>e</sup>	14.0*	15.0*	18.3*	20.0*	20.6*	23.6*	24.0*
Czechoslovakia.....	5.0*	10.1*	11.2*	12.3*	12.3*	12.3*	12.3*	12.3*
East Germany.....	33.3	39.2	38.8	39.5	40.0*	40.0*	40.0*	40.2*
Hungary.....	7.8*	8.2*	7.7*	8.6*	11.6*	12.2*	11.3*	12.7*
Poland.....	15.7*	21.7*	22.2*	24.1*	29.6*	36.6*	37.3*	39.8*
Rumania.....	2.8	4.0	7.5	7.5	8.6*	9.0*	9.0*	9.0*
Far East								
Communist China.....	15.0*	90.0	34.0	46.0	96.0	96.0	96.0	96.0
North Korea.....	1.8*	8.5*	10.0	12.0	14.0	16.0	18.0	19.0
Other								
Albania <sup>e</sup> .....	0.9*	0.9*	1.3*	1.9*	2.0*	2.2*	4.7	4.9
Yugoslavia.....	24.8*	35.1*	30.1*	45.5*	49.0*	51.9*	56.3*	62.0*

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium.....	156.9*	211.8*	309.1*	Italy.....	26.9*	15.5*	12.2*	Turkey.....	8.5*	11.7*	6.5* <sup>f</sup>
Canada.....	262.5*	378.2*	398.3*	Norway...	10.8*	17.1*	14.3*	UK.....	230.8*	218.9*	188.5*
France.....	19.3*	40.2*	44.0*	Portugal..	Negl.*	5.3*	4.1*	West Germany..	260.2*	309.1*	375.4*

Other Free World Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Chile.....	240.7*	225.6*	356.7*	India.....	7.4*	8.9*	9.4*	Zambia.....	179.9*	402.6*	493.7*
Congo (Kinshasa)...	114.8*	144.7*	152.4*	Japan.....	113.3*	248.1*	404.8*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for primary and secondary refined copper produced from domestic and imported ores and scrap.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including production from secondary plants and copper refined by manufacturers for their own use.

<sup>d</sup> Bulgarian data for 1955 are excluded from the totals because they refer to blister copper rather than refined metal.

<sup>e</sup> Blister copper.

<sup>f</sup> Data are for 1965 and are included in the NATO total for 1966.

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Table 125

Production of Primary Aluminum  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>a</sup> .....	2,400*	3,210*	3,070*	3,350*	3,610*	4,020*	4,280*	4,610*
US.....	1,420*	1,828*	1,727*	1,921*	2,098*	2,316*	2,499*	2,692*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	538	793	887	960	1,050	1,150	1,230	1,430
USSR.....	430*	630	700	770	855	945	1,025	1,160
Eastern Europe.....	108	163*	187*	190*	193*	206	206	267
Czechoslovakia.....	24*	52*	53*	54*	56*	56*	56*	60*
East Germany.....	27	35*	35*	35*	35*	45	45	45
Hungary.....	37*	50*	51*	53*	55*	57*	58*	60*
Poland.....	20*	26*	48*	48*	47*	48*	47*	55*
Rumania.....	0*	0*	0*	0*	0*	0*	0*	47*
Far East								
Communist China.....	10	80	80	80	80	80	100	120
Other								
Yugoslavia.....	12*	25*	27*	28*	36*	35*	39*	42*

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Canada.....	556*	691*	818*	Italy.....	62*	84*	127*	UK.....	25*	29*	37*
France.....	129*	238*	364*	Norway <sup>b</sup> .....	72*	171*	331*	West Germany.	137*	169*	244* <sup>c</sup>

Other Free World Countries

	1955	1960	1966		1955	1960	1966
India.....	7*	18*	60*	Japan.....	58*	133*	337*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Including the pure content of virgin alloys.

<sup>c</sup> Including data for West Berlin, for which separate data are not available.

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Table 126

Production of Bauxite  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>a</sup> .....	4,140*	5,300*	4,920*	5,190*	5,130*	5,600*	5,690*	6,120*
US.....	1,817*	2,030*	1,248*	1,391*	1,549*	1,626*	1,680*	1,727*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	3,980*	4,270	4,910	5,600	5,690	5,890	6,350	6,660
USSR <sup>b</sup> .....	2,700*	2,990	3,474	4,100	4,320	4,410	4,860	5,220
Eastern Europe.....	1,280*	1,280*	1,440*	1,500*	1,370*	1,480	1,490*	1,440*
Hungary.....	1,241*	1,190*	1,366*	1,468*	1,363*	1,477*	1,478*	1,429*
Rumania.....	37*	88*	69*	30*	10*	7	12*	15*
Far East								
Communist China <sup>c</sup> .....	80	640	N.A.	640	640	640	800	960
Other								
Yugoslavia.....	791*	1,025*	1,232*	1,331*	1,285*	1,293*	1,574*	1,887*

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
France.....	1,494*	2,068*	2,796*	Italy.....	327*	313*	242*	West Germany.	4*	4*	4*
Greece.....	500*	884*	1,344*	Turkey.....	0*	0*	10* <sup>d</sup>				

Other Free World Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
British Guiana....	2,474*	2,511*	3,347*	Jamaica.....	2,687*	5,837*	9,226*	Surinam.....	3,123*	3,455*	5,283*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Excluding nonbauxite ore such as nepheline and alunite for the production of alumina.

<sup>c</sup> Data are for aluminous shales and clays used for the manufacture of aluminum and exclude shales exported and those used for refractories, abrasives, and cement.

<sup>d</sup> Data are for 1965 and are included in the NATO total for 1966.

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Table 127

Smelter Production of Lead \*  
1955 and 1960 66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	882*	844*	909*	820*	834*	876*	911*	N.A.*
US <sup>c</sup> .....	434.5*	346.9*	407.8*	341.1*	358.1*	407.7*	379.4*	413.6*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	326	436	457	482	509	576	602*	642*
USSR.....	258.3*	324.0*	343.0*	364.0*	385.0*	408.0*	433.0*	463.0*
Eastern Europe.....	67.3	112	114	118	124	168	169*	179*
Bulgaria.....	5.1*	40.4*	40.9*	43.7*	51.0*	87.0*	87.8*	87.8*
Czechoslovakia.....	8.0*	9.1*	9.1*	9.1*	10.0*	15.0*	14.6*	14.6*
East Germany.....	8.9	10.4	11.3	11.6	11.6	12.0	12.5*	12.5*
Hungary.....	Negl.	0.5	0.5	0.5	0.5	0.5	0.5*	0.5*
Poland <sup>d</sup> .....	34.2*	39.7*	39.8*	40.7*	38.9*	41.5*	41.4*	43.5*
Rumania <sup>d</sup> .....	11.1*	12.0*	12.0*	12.0*	12.0*	12.0*	12.2*	20.0*
Far East								
North Korea.....	9.4	34.0	40.0*	43.0*	47.0*	51.0*	54.0*	57.0*
Other								
Yugoslavia.....	75.6*	89.1*	90.4*	97.9*	104.2*	101.1*	101.5*	98.0*

Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium <sup>e</sup> .....	82.8*	92.7*	110.8*	Italy.....	42.5*	41.6*	39.4*	Turkey.....	1.6*	0.5*	0.9*
Canada.....	135.9*	144.0*	169.2*	Norway.....	N.A.*	N.A.*	1.7*	UK.....	6.2*	1.1*	0.1*
France.....	66.0*	74.4*	98.4*	Portugal.....	2.0*	0.9*	1.5*	West Germany.	107.6*	139.2*	104.0*
Greece.....	2.5*	3.1*	5.2*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for smelter production of lead produced from domestic and imported ores and concentrates, excluding all metal produced from scrap (secondary metals).

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Excluding refined lead produced from imported base bullion.

<sup>d</sup> Probably including some secondary metal.

<sup>e</sup> Including secondary metal.

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Table 128

Production of Refined Zinc <sup>a</sup>  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES <sup>b</sup> .....	1,900*	1,850*	1,930*	1,920*	1,920*	2,090*	2,200*	2,280*			
US <sup>c</sup> .....	934.0*	787.7*	818.3*	851.2*	864.4*	935.0*	977.9*	1,010.6*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	394	575	600	662	682	711	785	849			
USSR <sup>d</sup> .....	222.0*	364.0*	377.0*	403.0*	419.0*	436.0*	504.0*	557.0*			
Eastern Europe.....	172	211	223	258	263	275	281	292			
Bulgaria.....	1.4*	16.9*	22.1*	51.7*	56.0*	59.0*	57.6*	58.5*			
Czechoslovakia.....	1.3*	2.0*	2.2*	2.6*	3.0*	3.0*	3.0*	3.0*			
East Germany <sup>e</sup> .....	3.2	4.1	4.0	10.0	10.0	13.0	14.0	13.8			
Hungary.....	N.A.	0.4*	0.4*	0.4*	0.4*	0.4*	0.4*	0.4*			
Poland.....	156.2*	175.5*	182.0*	181.3*	181.2*	186.9*	190.4*	193.0*			
Rumania.....	10.0*	12.5	12.5	12.5	12.5	12.5	15.4*	23.1*			
Far East											
North Korea.....	0*	55.0*	62.0*	66.0*	71.0*	75.0*	80.0*	84.0*			
Other											
Yugoslavia.....	13.8*	35.9*	36.9*	39.3*	42.2*	44.5*	46.1*	50.7*			
Other NATO Countries											
	1955	1960	1966		1955	1960	1966				
Belgium....	211.9*	247.6*	250.4*	Italy.....	73.6*	85.2*	74.6*	UK.....	82.7*	75.5*	101.3*
Canada....	233.7*	238.2*	345.5*	Netherlands...	28.4*	36.1*	41.0*	West Germany.	180.0*	191.9*	206.4*
France....	109.1*	146.4*	194.9*	Norway.....	45.5*	43.6*	51.1*				
Other Free World Countries											
	1955	1960	1966		1955	1960	1966				
Japan.....	112.5*	180.5*	438.2*	Mexico.....	56.1*	52.9*	57.6*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for electrolytic and distilled (including redistilled) zinc produced from domestic and imported ores and scrap and other secondary materials.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including production from secondary smelters. Production of primary zinc in the US was as follows (in metric tons): 1955, 874,100; 1960, 725,300; 1961, 768,200; 1962, 797,800; 1963, 809,700; 1964, 865,500; 1965, 901,700; and 1966, 928,100.

<sup>d</sup> Primary metal only, representing slightly less than 80 percent of total production.

<sup>e</sup> Annual production consists of zinc produced from ore except for approximately 3,000 metric tons in 1955 and 4,000 metric tons annually for 1960-66.

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Table 129

Smelter Production of Primary Tin Metal •  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES <sup>b</sup> .....	89.3*	56.8*	44.1*	39.8*	34.0*	44.6*	44.6*	41.4*			
US °.....	22.7*	13.7*	8.6*	5.6*	1.5*	4.0*	3.2*	3.9*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	9.1	11.4	12.5	13.2	13.9	14.6	15.2	16.6			
USSR.....	8.5	10.6	11.3	12.0	12.7	13.4	14.0	15.4			
Eastern Europe.....	0.6	0.8	1.2*	1.2*	1.2*	1.2*	1.2*	1.2*			
East Germany.....	0.6	0.8	1.2*	1.2*	1.2*	1.2*	1.2*	1.2*			
Far East											
Communist China.....	20.0	28.0	23.0	18.0	16.0	11.0	11.0	11.0			
North Vietnam.....	0.1	0.5*	0.6*	0.6*	0.6	0.5	N.A.	N.A.			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Belgium.....	10.6*	8.4*	4.8*	Portugal.....	1.0*	0.6*	0.6*	West Germany..	0.3*	0.8*	1.4*
Netherlands..	27.0*	6.5*	12.9*	UK.....	27.7* <sup>d</sup>	26.8*	17.8*				
Other Free World Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Japan.....	0.9*	1.2*	2.3*	Malaysia.....	71.8*	77.6*	72.5*	Nigeria.....	0*	0*	10.1*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for primary (virgin) metal and exclude tin derived from scrap or detinning.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Estimated data based on imports of tin concentrates.

<sup>d</sup> Including some secondary tin metal.

Table 130

Production of Primary Magnesium <sup>a</sup>  
1955 and 1960-66

							Thousand Metric Tons				
	1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES <sup>b</sup> .....	79.2*	64.9*	71.9*	98.8*	110*	115*	121*	124*			
US.....	55.5*	36.4*	37.0*	62.6*	68.8*	72.1*	73.8*	71.7*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	12.0	25.3	30.8	34.3	39.3	47.0	66.5	71.0			
USSR.....	12.0	25.0	30.5	34.0	39.0	47.0	66.5	71.0			
Eastern Europe											
Hungary <sup>c</sup> .....	0*	0.3*	0.3*	0.3*	0.3*	N.A.	N.A.	N.A.			
Other NATO Countries											
	1955	1960	1966		1955	1960	1966				
Canada....	7.0*	6.6*	7.7*	Italy.....	2.9*	5.4*	6.0*	UK <sup>d</sup> .....	5.5*	3.7*	5.4*
France....	1.5*	2.1*	3.4*	Norway....	6.7*	10.3*	29.0*	West Germany.	0.1* <sup>d</sup>	0.3*	0.5* <sup>e</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for primary (virgin) metal in ingots and ingot equivalent of other forms.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Plan data.

<sup>d</sup> Including remelt alloys.

<sup>e</sup> Data are for 1965 and are included in the NATO total for 1966.

Table 131

Production of Titanium Sponge Metal <sup>a</sup> in the US and the USSR  
1955 and 1960-66

	Metric Tons							
	1955	1960	1961	1962	1963	1964	1965	1966
US.....	6,711*	4,818*	6,103*	6,105*	7,148*	N.A.*	N.A.*	N.A.*
USSR.....	1,000	4,000	4,000	5,000	5,000	5,000	6,000	7,200 <sup>b</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Raw titanium in the form of sponge metal produced by the Kroll method from rutile or ilmenite concentrates.

<sup>b</sup> Based on plan data.

Table 132

Production of Woven Cotton Fabrics • in Selected Free World and Communist Countries  
1955 and 1960-66

	Unit of measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Free World Countries</b>									
US.....	Million linear meters....	9,304*	8,564*	8,383*	8,456*	8,009*	8,354*	8,469*	8,107*
Canada <sup>b</sup> °.....	Million linear meters....	287*	240*	206*	275*	290*	302*	306*	247*
India <sup>d</sup> .....	Million linear meters....	6,277*	6,629*	7,074*	6,972*	7,300*	7,719*	7,643*	7,310*
Japan <sup>b</sup> .....	Million square meters...	2,351*	3,221*	3,383*	3,083*	2,938*	2,965*	3,013*	2,913*
Pakistan <sup>e</sup> <sup>f</sup> .....	Million linear meters....	414*	575*	639*	663*	668*	694*	657*	620*
Turkey <sup>f</sup> .....	Million linear meters....	272*	384*	438*	482*	547*	555*	781*	624*
UK <sup>f</sup> .....	Million linear meters....	1,629*	1,183*	1,120*	957*	927*	946*	924*	840*
<b>Communist Countries</b>									
USSR <sup>b</sup> <sup>f</sup> .....	Million linear meters....	5,904*	6,387*	6,425*	6,454*	6,619*	6,976*	7,080*	7,238*
Bulgaria <sup>b</sup> .....	Million linear meters....	132*	218*	227*	243*	251*	269*	291*	299*
Czechoslovakia....	Million linear meters....	356*	464*	484*	496*	484*	480*	496*	519*
East Germany.....	Million square meters...	201*	254*	264*	289*	267*	250*	244*	244*
Hungary <sup>b</sup> .....	Million square meters...	234*	239*	255*	272*	283*	304*	324*	325*
Poland <sup>b</sup> .....	Million linear meters....	561*	667*	710*	693*	696*	761*	811*	844*
Rumania <sup>b</sup> .....	Million square meters...	243*	248*	282*	299*	301*	302*	319*	339*
Yugoslavia.....	Million square meters...	174*	257*	269*	312*	348*	378*	394*	416*

\* An asterisk indicates that the data are unclassified.

• Unless otherwise indicated, data are for fabrics, in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up.

<sup>b</sup> Fabrics after undergoing finishing processes.

<sup>c</sup> Except for 1955, data refer to factory shipments.

<sup>d</sup> Mill and decentralized sector production.

<sup>e</sup> Mill production only. Data include finished fabrics.

<sup>f</sup> Excluding mixed fabrics.

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Table 133

Production of Woven Woolen Fabrics \* in Selected Free World and Communist Countries  
1955 and 1960-66

	Unit of measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Free World Countries</b>									
US.....	Million linear meters....	290*	262*	262*	283*	260*	233*	244*	260*
Australia <sup>b</sup> .....	Million square meters....	23*	25*	22*	21*	22*	21*	20*	18*
Canada <sup>c</sup> <sup>d</sup> .....	Million linear meters....	21*	18*	15*	14*	15*	15*	15*	14*
India.....	Million linear meters....	12*	14*	13*	18*	20*	12* <sup>e</sup>	10* <sup>e</sup>	9* <sup>e</sup>
Japan <sup>f</sup> .....	Million square meters....	155*	322*	340*	339*	361*	350*	341*	346*
Turkey <sup>g</sup> .....	Million linear meters....	6*	10*	8*	8*	24*	24*	24*	24*
UK.....	Million square meters....	343*	307*	294*	274*	272*	272*	270*	253*
<b>Communist Countries</b>									
USSR <sup>h</sup> .....	Million square meters....	316*	439*	454*	469*	471*	472*	466*	509*
Bulgaria <sup>i</sup> .....	Million linear meters....	11*	19*	17*	18*	19*	19*	20*	21*
Czechoslovakia.....	Million linear meters....	39*	46*	48*	48*	46*	43*	44*	45*
East Germany.....	Million square meters....	32*	48*	49*	48*	39*	37*	38*	39*
Hungary <sup>j</sup> .....	Million square meters....	26*	28*	30*	30*	30*	31*	30*	32*
Poland <sup>k</sup> .....	Million linear meters....	76*	79*	78*	83*	84*	90*	91*	91*
Rumania <sup>l</sup> .....	Million square meters....	31*	32*	37*	34*	38*	41*	41*	44*
Yugoslavia.....	Million square meters....	26*	46*	43*	43*	48*	53*	54*	57*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for woven woolen and worsted fabrics (in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up) and for mixed woolen fabrics.

<sup>b</sup> Twelve months ending 30 June of stated year.

<sup>c</sup> Fabrics after undergoing finishing processes.

<sup>d</sup> Factory shipments.

<sup>e</sup> Mill production only.

<sup>f</sup> Including finished fabrics.

<sup>g</sup> Excluding mixed fabrics.

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Table 134

Production of Woven Rayon and Acetate Fabrics \* in Selected Free World and Communist Countries  
 1955 and 1960-66

	Unit of measure	1955	1960	1961	1962	1963	1964	1965	1966
<b>Free World Countries</b>									
US.....	Million linear meters....	1,763*	1,312*	1,340*	1,441*	1,579*	1,636*	1,632*	1,520*
Canada.....	Million linear meters....	89*	70*	81*	86*	110*	122*	137*	136*
India <sup>b</sup> .....	Million linear meters....	227*	546*	572*	601*	652*	835*	870*	860*
Japan <sup>c</sup> .....	Million square meters...	1,396*	1,828*	1,775*	1,624*	1,624*	1,595*	1,653*	1,668*
UK <sup>b</sup> .....	Million linear meters....	552*	564*	555*	517*	513*	558*	572*	566*
<b>Communist Countries</b>									
USSR <sup>b d</sup> .....	Million linear meters....	474*	755*	772*	906*	920*	940*	896*	968* °
Bulgaria <sup>b d °</sup> .....	Million linear meters....	4*	11*	10*	11*	13*	15*	15*	17*
Hungary <sup>d</sup> .....	Million square meters...	14*	25*	27*	27*	29*	30*	31*	25* †
Poland <sup>d</sup> .....	Million linear meters....	80*	103*	101*	93*	94*	102*	103*	104*
Rumania <sup>d</sup> .....	Million square meters...	21*	22*	25*	26*	26*	27*	26*	27*
Yugoslavia.....	Million square meters...	12*	19*	22*	22*	21*	23*	24*	30*

\* An asterisk indicates that the data are unclassified.

° Unless otherwise indicated, data are for pure and mixed fabrics, in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up.

<sup>b</sup> Including fabrics of noncellulosic fibers.

<sup>c</sup> Including finished fabrics.

<sup>d</sup> Fabrics after undergoing finishing processes.

<sup>e</sup> Including fabrics of natural silk.

<sup>†</sup> Excluding mixed fabrics.

Table 135

Production of Rayon and Acetate Yarn \* in Selected Free World and Communist Countries  
 1955 and 1960-66

	Thousand Metric Tons							
	1955	1960	1961	1962	1963	1964	1965	1966
<b>Free World Countries</b>								
US.....	572*	466*	497*	576*	612*	650*	692*	689*
France.....	110*	119*	124*	125*	142*	148*	130*	126*
India.....	13*	43*	50*	61*	68*	79*	82*	77*
Italy.....	131*	162*	173*	190*	200*	213*	187*	180*
Japan.....	332*	434*	445*	428*	462*	490*	499*	510*
UK.....	196*	269*	258*	284*	326*	374*	391*	400*
West Germany <sup>b</sup> .....	217*	229*	230*	244*	266* °	297* °	292* °	280* °
<b>Communist Countries</b>								
USSR.....	102*	196*	227*	243*	266*	304*	330*	370*
Czechoslovakia.....	48*	59*	64*	68*	68*	71*	69*	71*
East Germany <sup>d</sup> .....	119*	138*	140*	141*	141*	141*	142*	N.A.*
Poland.....	50*	70*	74*	76*	77*	79*	80*	79*

\* An asterisk indicates that the data are unclassified.

° Rayon (viscose, cuprammonium, and nitrocellulose processes) and acetate (cellulose acetate process) continuous filament yarn, monofilaments, and discontinuous filaments (staple and tow). Data exclude waste, spun rayon and acetate yarn, and noncellulosic fibers.

<sup>b</sup> Excluding data for the Saar.

<sup>c</sup> Including data for West Berlin, for which separate data are not available.

<sup>d</sup> Production of acetate filaments is negligible.

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Table 136

Production of Synthetic Fibers \* in Selected Free World and Communist Countries  
1955 and 1960-66

	Thousand Metric Tons							
	1955	1960	1961	1962	1963	1964	1965	1966
<b>Free World Countries</b>								
US.....	172.0*	307.2*	340.6*	440.2*	524.3*	638.1*	806.0*	936.8*
Canada.....	5.6*	17.0*	19.3*	22.9*	26.3*	29.9*	38.0*	N.A.*
France.....	11.2*	45.3*	51.4*	65.4*	81.2*	92.6*	87.1*	106.0*
Italy.....	8.5*	33.7*	42.8*	63.3*	77.6*	100.2*	105.4*	143.2*
Japan.....	15.8*	118.3*	153.1*	182.7*	239.2*	342.3*	379.6*	459.3*
UK.....	18.4*	61.0*	66.3*	82.9*	105.4*	126.4*	148.0*	180.0*
West Germany <sup>b</sup> .....	11.5*	52.3*	65.0*	93.1*	107.8*	139.9* <sup>c</sup>	179.3* <sup>c</sup>	210.0* <sup>c</sup>
<b>Communist Countries</b>								
USSR.....	8.9*	15.0*	23.6*	33.9*	42.6*	56.9*	77.5*	N.A.*
Czechoslovakia.....	0.9*	3.0*	3.9*	5.1*	6.1*	6.7*	8.2*	9.3*
East Germany.....	3.4*	7.8*	10.9*	14.3*	15.6*	17.1*	18.9*	17.0*
Hungary <sup>d</sup> .....	Negl.*	0.5*	0.5*	0.9*	2.2*	1.9*	2.6*	3.1*
Poland.....	3.5*	7.8*	8.6*	8.5*	10.5*	15.2*	23.2*	28.9*
Rumania.....	Negl.*	0.9*	1.6*	1.8*	2.6*	2.4*	3.3*	5.5*

\* An asterisk indicates that the data are unclassified.

\* Data are for noncellulosic fibers either made of natural polymers, which are based on materials such as casein or groundnuts, or made of synthetic polymers, which are based mostly on coal or petroleum. Data exclude waste, glass fibers, and rubber fibers.

<sup>b</sup> Excluding data for the Saar.

<sup>c</sup> Including data for West Berlin, for which separate data are not available.

<sup>d</sup> Including spun yarn.

Table 137

Production of Footwear \* in the US and the USSR  
1955 and 1960-66

	Million Pairs							
	1955	1960	1961	1962	1963	1964	1965	1966
US.....	585.4*	600.0*	592.9*	633.2*	604.3*	612.8*	630.0*	646.3*
USSR.....	271.2*	419.3*	443.2*	456.3*	462.7*	474.7*	486.0*	522.0*

\* An asterisk indicates that the data are unclassified.

\* Shoes and slippers.

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Table 138

Production of Metalcutting Machine Tools \* in the US and Selected Communist Countries  
1955 and 1960-66

	Thousand Units							
	1955	1960	1961	1962	1963	1964	1965	1966
US.....	58.00*	42.91*	40.36*	47.53*	50.35*	58.71*	67.56*	78.72*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	171*	243*	256*	274*	275*	272*	280*	292*
USSR.....	117.09*	155.92*	165.77*	176.91*	182.73*	183.79*	185.80*	191.00*
Eastern Europe.....	53.5*	87.2*	90.0*	97.1*	92.0*	88.7*	94.6*	101*
Bulgaria.....	1.38*	2.95*	4.32*	5.65*	5.78*	5.99*	7.10*	7.40*
Czechoslovakia.....	18.49*	30.23*	31.32*	33.48*	27.20*	21.68*	24.33*	27.75*
East Germany.....	13.53*	19.75*	18.36*	18.68*	18.16*	16.18*	15.80*	15.50*
Hungary.....	5.35*	7.40*	8.37*	8.49*	8.19*	8.56*	9.37*	10.20*
Poland.....	12.70*	22.50*	22.30*	24.90*	27.30*	29.30*	31.10*	33.00*
Rumania <sup>b</sup> .....	2.02*	4.32*	5.32*	5.90*	5.33*	6.99*	6.94*	7.20*
Far East								
North Korea.....	0.32*	2.20*	2.60*	3.36*	3.33*	3.20*	4.75*	5.25*
North Vietnam.....	0*	0.65*	1.03*	1.20*	0.54*	1.04*	0.50*	N.A.*

\* An asterisk indicates that the data are unclassified.

\* Power-driven metalcutting machine tools that are not supported in the hands of an operator when in use and are designed to remove metal in the form of chips; in addition to lathes, planers, and the like, these machines include honing, lapping, grinding, electroerosion, and ultrasonic cutting machines.

<sup>b</sup> Including metalforming machines that are estimated to be about 10 percent of the reported total.

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Table 139

Production of Metalforming Machine Tools <sup>a</sup> in the US and the USSR  
1955 and 1960-66

	Thousand Units							
	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>b</sup> .....	44.5*	31.3*	28.8*	33.2*	39.1*	39.2*	42.0*	47.0*
USSR.....	17.1*	29.9*	30.5*	33.4*	34.2*	34.4*	34.6*	38.3*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Power-driven metalforming machine tools that are not supported in the hands of an operator when in use and are designed to press, forge, emboss, hammer, extrude, blank, spin, shear, and bend metal into shape.

<sup>b</sup> Excluding manually operated bending and forming machine, spinning lathes, and riveting, can-making, diecasting, wire-weaving, wiredrawing, knurling, and marking machines, which usually are included in the definition of metalforming machine tools by the US Department of Commerce.

Table 140

Production of Metallurgical Equipment <sup>a</sup> in Selected Communist Countries  
1955 and 1960-66

	Thousand Metric Tons							
	1955	1960	1961	1962	1963	1964	1965	1966
COMMUNIST COUNTRIES								
USSR.....	172.1*	218.3*	213.9*	240.1*	235.6*	240.6*	242.3*	252.0*
Czechoslovakia.....	41.7*	105.1*	126.2*	133.5*	118.2*	125.3*	116.9*	114.6*
East Germany <sup>b</sup> .....	24.3*	15.9*	16.9*	17.4*	20.3*	23.4*	19.8*	N.A.*
Poland.....	22.9*	21.7*	31.3*	28.0*	32.4*	35.0*	40.8*	N.A.*
Rumania.....	3.7*	27.2*	27.5*	30.0*	33.4*	40.0*	40.6*	N.A.*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for rolling mill equipment; mechanical equipment for coke, blast, and smelting furnaces; mixers; crushers; grinding mills for ore and coal; agglomeration installations; and special hoist-transport mechanisms for metallurgical shops. Equipment for nonferrous shops is believed to be included but probably amounts to only a small percentage of the total physical volume. Data for the US are not available in terms of metric tons.

<sup>b</sup> Rolling mill equipment only.

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Table 141

Production of Chemical Equipment in Selected Communist Countries  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
USSR.....	Million new rubles <sup>a</sup> ...	76*	220*	243*	266*	289*	344*	386*	417*
Bulgaria.....	Thousand tons <sup>b</sup> .....	Negl.	N.A.	N.A.	9*	9	9	9	9
	Million leva.....	Negl.	3*	3	3	3	3	3	3
Czechoslovakia.....	Thousand tons.....	31	57*	91*	95*	91*	86*	82*	90
	Million korunas.....	328*	794*	1,066*	1,387*	1,365*	1,260*	1,324*	1,470
East Germany.....	Thousand tons.....	33	58	76	76	83	76	86	102
	Million DME <sup>c</sup> .....	138*	285*	320*	320*	349*	320*	363*	430*
Hungary.....	Million forints.....	N.A.	207	255	280	290	315	285	300
Poland.....	Thousand tons.....	28*	29*	34*	35*	44*	47*	57*	51*
Rumania.....	Thousand tons.....	Negl.*	17*	29*	42*	44*	51*	36*	36
Yugoslavia.....	Billion dinars.....	1	5	10	12	13	13	13	13

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Expressed in 1955 prices.

<sup>b</sup> Tonnages are given in metric tons.

<sup>c</sup> Deutsche Mark East (East German marks). Value figures are based on constant plan prices.

Table 142

Production of Electric Motors <sup>a</sup> in Selected Communist Countries  
1955 and 1960-66

	1955	1960	1961	1962	1963	1964	1965	1966
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR <sup>b</sup> .....	8,819*	17,597*	20,060*	22,607*	24,758*	26,032*	26,900*	28,100*
Eastern Europe								
Bulgaria.....	114*	919*	1,242*	1,999*	2,074*	2,583*	2,864*	N.A.
Czechoslovakia <sup>b</sup> .....	1,180*	2,952*	3,405*	3,516*	3,899*	3,858*	4,577*	N.A.
Poland.....	1,235*	2,387*	2,841*	3,321*	3,740*	4,206*	4,533*	4,518*
Rumania.....	147*	559*	718*	920*	1,010*	1,097*	1,254*	1,507*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for alternating and direct current motors.

<sup>b</sup> Alternating current motors of 0.25 kilowatt and over.

Table 143

Production of Electric Generators <sup>a</sup> in the US and Selected Communist Countries  
1955 and 1960-66

	Thousand Kilowatts							
	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>b</sup> .....	10,584*	12,899*	13,207*	12,573*	14,279*	14,899*	15,451*	18,633*
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	4,526*	7,915*	9,450*	11,022*	11,838*	12,791*	14,390*	18,447*
Eastern Europe								
Bulgaria.....	10*	29*	52*	12*	6*	33	13*	N.A.
Czechoslovakia <sup>c</sup> .....	963*	1,391*	1,542*	1,344*	1,171*	1,325*	910*	N.A.
Hungary <sup>c</sup> .....	225	N.A.	318	287	649	417	375*	N.A.
Rumania.....	46*	83*	140*	107*	200*	278*	295*	N.A.
Far East								
Communist China.....	108	1,500	400	300	200	200	N.A.	N.A.
North Korea.....	Negl.*	14*	N.A.	40	50	50	65	N.A.

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Turbogenerators and hydrogenerators. Production of diesel generators is believed to be negligible in most instances.

<sup>b</sup> Shipments of units 4,000 kilowatts and larger.

<sup>c</sup> Generators for steam and gas turbines only.

Table 144

Production of Turbines <sup>a</sup> in the US and Selected Communist Countries  
1955 and 1960-66

	Thousand Kilowatts							
	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>b</sup> .....	10,584*	12,899*	13,207*	12,573*	14,279*	14,899*	15,451*	18,633*
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR <sup>c</sup> .....	5,571*	9,200*	10,732*	11,900*	11,881*	13,257*	14,625*	15,164*
Eastern Europe								
Czechoslovakia.....	1,004*	1,555*	969*	1,291*	2,006*	1,419*	1,994*	N.A.
Poland <sup>d</sup> .....	19*	186*	271*	405*	461*	474*	471*	647*
Rumania <sup>e</sup> .....	15*	98*	84*	34*	25*	43	27*	N.A.
Far East								
Communist China.....	69*	1,500	400	300	200	200	N.A.	N.A.
North Korea.....	N.A.	14*	N.A.	40	50	50	65	N.A.

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for steam and hydraulic turbines. Most production of turbines is for use in matched sets with generators for production of electric power. In addition, turbines are produced in single units for many purposes, including direct industrial drives, marine propulsion, and pipeline transmission.

<sup>b</sup> Shipments of units 4,000 kilowatts and larger. Data are available only for turbines produced as integral units together with generators. Therefore, data for turbines and generators for the US are assumed to be the same. Some turbines are produced in single units but no data are available on this production.

<sup>c</sup> Including a small number of gas turbines.

<sup>d</sup> Steam turbines only.

<sup>e</sup> Steam turbines of more than 500 kilowatts only.

Table 145

Value of Construction \* in the US and Selected Communist Countries  
1955 and 1960-66

	Unit of Measure	1955	1960	1961	1962	1963	1964	1965	1966
US.....	Billion 1958 dollars.....	54.3*	55.0*	55.8*	58.8*	60.4*	61.7*	64.8*	64.2*
COMMUNIST COUNTRIES									
USSR <sup>b</sup> .....	Billion new rubles <sup>c</sup> .....	12.7*	24.1*	24.3*	24.7*	25.3*	26.9*	29.3*	31.0*
Bulgaria <sup>d</sup> .....	Billion current leva.....	0.35*	0.65*	0.67*	0.70*	0.79*	0.82*	0.91*	1.10*
Czechoslovakia <sup>e</sup> .....	Billion 1964 korunas.....	15.1*	25.9*	27.3*	26.2*	23.0*	24.9*	26.2*	28.0*
East Germany.....	Billion current DME <sup>f</sup> .....	4.47*	7.52*	7.73*	8.25*	8.36*	9.08*	9.87*	10.17*
Hungary.....	Billion 1959 forints.....	19.6*	30.1*	31.8*	33.4*	34.9*	37.2*	38.3*	41.5*
Poland.....	Billion 1961 zlotys.....	51.1*	76.2*	80.9*	86.7*	88.5*	95.8*	102.7*	N.A.*
Rumania.....	Billion 1 January 1959 lei.....	7.05*	11.75*	13.23*	15.24*	16.98*	18.90*	20.30*	22.70*
North Korea.....	Billion 1957 won.....	0.22*	0.31*	0.35*	0.33*	0.35*	0.36*	N.A.*	N.A.*
Albania <sup>g</sup> .....	Billion new leks <sup>h</sup> .....	0.30*	0.56*	0.65*	0.71*	0.75*	0.77*	0.86*	N.A.*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Because of the difficulty of determining valid rates of exchange, data are not presented in terms of a common currency. Official parity rates should be used with caution because they have been established and maintained arbitrarily and do not necessarily reflect the true ratio for construction. For example, the estimated ruble-dollar ratio for construction in the USSR in 1955 prices is about 0.70 new ruble to US \$1.

<sup>b</sup> State sector, private housing construction, and construction-installation work performed by collective farms.

<sup>c</sup> Expressed in investment prices of 1 July 1955 adjusted for new unit valuations introduced in 1956, for the reduction of overhead cost norms in 1958, and for the reduction of equipment installation prices in 1959. In addition, the series reflects adjustments for the reduction in 1962 of prices for project-survey work and of unit valuations for certain types of construction-installation work.

<sup>d</sup> Excluding private construction.

<sup>e</sup> Excluding capital repairs.

<sup>f</sup> Deutsche Mark East (East German marks).

<sup>g</sup> Socialized sector.

<sup>h</sup> Expressed in 1961 prices. A currency reform of August 1965 revalued the lek at a ratio of 10 old leks to 1 new lek.

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Table 146

Total Housing Construction <sup>a</sup> in the US and Selected Communist Countries  
1955 and 1960-66

	Thousand Square Meters							
	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>b</sup> .....	187,000*	144,000*	148,000*	158,000*	171,000*	165,000*	160,000*	131,000*
COMMUNIST COUNTRIES								
USSR.....	53,300*	103,400*	96,900*	94,900*	92,800*	87,900*	91,600*	93,500*
Bulgaria.....	2,466* <sup>c</sup>	2,797*	2,341*	2,575*	2,647*	2,806*	2,745*	N.A.*
Czechoslovakia <sup>d</sup> .....	1,935*	2,869*	3,428*	3,427*	3,341*	3,136*	3,187*	N.A.*
East Germany <sup>e</sup> .....	2,157*	4,447*	5,063*	4,867*	4,217*	4,017*	3,530*	3,380*
Hungary.....	2,352*	3,333*	3,788*	3,105*	3,164*	3,274*	3,385*	3,448*
Poland.....	4,515*	8,196*	7,956*	7,524*	7,531*	8,280*	8,595*	N.A.*
Rumania.....	2,904*	7,007*	8,095*	7,872*	7,194*	7,592*	7,599*	N.A.*
Communist China <sup>f</sup> .....	14,460*	9,600* <sup>g</sup>	9,600* <sup>g</sup>	9,600* <sup>g</sup>	9,600* <sup>g</sup>	N.A.*	N.A.*	N.A.*
North Korea.....	2,932*	2,687*	2,196*	2,565* <sup>g h</sup>	2,565* <sup>g</sup>	2,565* <sup>g</sup>	3,091* <sup>g</sup>	3,091* <sup>g</sup>
North Vietnam.....	N.A.*	86* <sup>g</sup>	264*	300*	130*	N.A.*	N.A.*	N.A.*
Albania <sup>i</sup> .....	117*	201*	260*	263*	229*	159*	136*	N.A.*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Total housing space, which includes living rooms, bedrooms, dining area, and auxiliary space such as bathrooms, kitchens, closets, and inside hallways.

<sup>b</sup> Data are computed from the number of housing starts during the given years. Strictly speaking, therefore, the data on completions are more accurate for interyear comparisons than for any given year. Housing starts were converted to total floorspace by converting to square meters on the basis of varying sizes of structures.

<sup>c</sup> Data are for 1957.

<sup>d</sup> Living space only.

<sup>e</sup> New and reconditioned buildings.

<sup>f</sup> Urban housing only.

<sup>g</sup> Estimated average yearly construction based on announced performance for several years.

<sup>h</sup> Official North Korean data for housing construction reported as 6.13 million square meters.

<sup>i</sup> Socialist sector only.

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Table 147

Production of Cement \*  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES.....	120,000*	144,000*	153,000*	161,000*	168,000*	186,000*	188,000*	195,000*
US.....	52,993*	56,063*	56,718*	58,937*	61,609*	64,380*	65,078*	67,050*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	36,100*	68,400*	75,500*	83,100*	87,700*	94,600*	104,000*	114,000*
USSR.....	22,484*	45,520*	50,864*	57,328*	61,018*	64,934*	72,388*	80,000*
Eastern Europe.....	13,600*	22,900*	24,600*	25,800*	26,700*	29,600*	31,800*	34,000*
Bulgaria.....	812*	1,586*	1,749*	1,893*	2,205*	2,586*	2,681*	2,851*
Czechoslovakia.....	2,892*	5,051*	5,343*	5,710*	5,178*	5,493*	5,713*	6,150*
East Germany.....	2,971*	5,032*	5,275*	5,432*	5,458*	5,767*	6,087*	6,450*
Hungary.....	1,175*	1,571*	1,601*	1,733*	1,798*	2,257*	2,383*	2,601*
Poland.....	3,813*	6,599*	7,364*	7,544*	7,674*	8,761*	9,574*	10,041*
Rumania.....	1,936*	3,054*	3,308*	3,489*	4,369*	4,752*	5,406*	5,886*
Far East								
Communist China.....	4,500*	N.A.	5,000	6,000	7,000	8,000	9,000	11,000
North Korea.....	360*	2,285*	2,262*	2,376*	2,530*	2,610*	2,400*	2,500*
North Vietnam.....	8*	408*	458*	462*	495*	648*	660*	665*
Other								
Albania.....	45*	73*	120*	120*	130*	128*	N.A.	138*
Cuba.....	424*	813*	870*	780*	810*	805	800	750
Yugoslavia.....	1,572*	2,398*	2,336*	2,518*	2,848*	3,039*	3,102*	3,200*

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium <sup>b</sup> ...	4,689*	4,388*	5,794*	Iceland.....	0*	73*	114* <sup>c</sup>	Portugal..	779*	1,202*	1,722*
Canada... ..	3,995*	5,338*	8,270*	Italy.....	10,781*	16,014*	22,374*	Turkey....	817*	2,038*	3,885*
Denmark... ..	1,259*	1,442*	2,030*	Luxembourg..	157*	210*	204*	UK.....	12,714*	13,501*	17,136*
France... ..	10,770*	14,349*	23,424*	Netherlands..	1,101*	1,798*	3,163*	West Ger-			
Greece... ..	1,125*	1,649*	3,587*	Norway.....	800*	1,151*	1,719*	many... ..	18,183*	24,905*	34,622* <sup>d</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> All types of hydraulic cements used in construction.

<sup>b</sup> Excluding natural cement.

<sup>c</sup> Data are for 1965 and are included in the NATO total for 1966.

<sup>d</sup> Including data for West Berlin, for which separate data are not available.

~~SECRET~~

Tabular Graphic

# Selected Agricultural Inputs and Output in the US and the USSR 1955 and 1960-66

TABLE 148

	INVESTMENT						
	1955	1960	1961	1962	1963	1964	1966†
US (billion 1955 US \$)	3.3	2.8	3.0	3.2	3.6	3.8	4.6
Structures	0.7	0.6	0.6	0.6	0.6	0.6	0.4
Producers' Durable Equipment	2.6	2.2	2.4	2.6	3.0	3.2	4.2
USSR (billion new rubles 1955 prices)††	3.3	5.2	5.7	6.3	7.0	8.2	10.0
Structures	2.0	3.2	3.5	3.7	4.2	4.8	5.1
Producers' Durable Equipment	1.3	2.0	2.2	2.6	2.8	3.4	3.4

† Preliminary.

†† Because of the problems inherent in converting rubles to dollars, the investment data for the USSR have not been converted. Inasmuch as the purpose of the data is to show general magnitude and growth, a precise conversion is not required.

## INDEXES OF AGRICULTURAL OUTPUT 1960=100

	1955	1960	1961	1962	1963	1964	1965	1966
US	91	100	101	102	106	106	108	107
USSR	84	100	109	107	102	113	116	127

## MINERAL FERTILIZER (nutrient content)

Thousand metric tons	1955	1960	1961	1962	1963	1964	1965	1966
US	5,943	7,410	8,114	8,838	9,930	10,565	11,930	13,745
USSR	2,299	3,281	3,593	4,078	4,647	6,009	7,389	8,400

## TRACTORS IN USE (end of year)

Thousand units	1955	1960	1961	1962	1963	1964	1965	1966
US (excluding stream and garden)	4,480	4,690	4,715	4,745	4,765	4,780	4,792	4,800
USSR	840	1,122	1,212	1,329	1,442	1,539	1,613	1,700

## FARM LABOR FORCE

Million persons	1955	1960	1961	1962	1963	1964	1965	1966
US	8.4	7.1	6.9	6.7	6.5	6.1	5.6	5.2
USSR	51.1	51.2	49.9	49.4	49.3	49.2	48.9	48.2

## INPUTS

## PRODUCTION OF GRAIN

Million metric tons	1961	1962	1963	1964	1965	1966
US 1955-59††	181	163	177	164	185	183
USSR	104	93	110	92	120	135 to 140

†† Annual average.

## OUTPUT



Table 149

Land Utilization

	Total Area <sup>a</sup>	Arable Land <sup>b</sup>	Arable Land as a Percent of the Total Area
	Thousand Hectares <sup>c</sup>		
<b>NATO COUNTRIES</b>			
US.....	936,339*	185,152*	20*
Belgium.....	3,051*	939*	31*
Canada.....	997,618*	41,845*	4*
Denmark.....	4,304*	2,740*	64*
France.....	54,703*	20,828*	38*
Greece.....	13,194*	3,848*	29*
Iceland.....	10,300*	1*	Negl.*
Italy.....	30,123*	15,374*	51*
Luxembourg.....	259*	72*	28*
Netherlands.....	3,361* <sup>d</sup>	977*	29*
Norway.....	32,422*	849*	3*
Portugal.....	8,880*	4,130* <sup>e</sup>	46*
Turkey.....	78,058*	26,092*	33*
UK.....	24,403*	7,439* <sup>f</sup>	30*
West Germany.....	24,688*	8,411*	34*
<b>Other Free World Countries</b>			
Argentina <sup>g</sup> .....	277,666*	19,472*	7*
India <sup>h</sup> .....	326,739*	162,883*	50*
Spain <sup>i</sup> .....	50,474*	20,837*	41*
<b>COMMUNIST COUNTRIES</b>			
<b>USSR and Eastern Europe</b>			
USSR.....	2,227,200* <sup>j</sup>	232,400* <sup>k</sup>	10*
<b>Eastern Europe</b>			
Bulgaria.....	11,091*	4,542*	41*
Czechoslovakia.....	12,787*	5,387*	42*
East Germany.....	10,829*	4,939*	46*
Hungary.....	9,303*	5,650*	61*
Poland.....	31,173*	15,681*	50*
Rumania.....	23,750*	10,475*	44*
<b>Far East</b>			
Communist China.....	956,100*	108,675*	11*
North Korea.....	12,245*	1,984*	16*
North Vietnam.....	15,900*	2,020*	13*
<b>Other</b>			
Albania.....	2,875*	501*	17*
Cuba.....	11,452*	2,400*	21*
Mongolia.....	156,466*	415*	Negl.*
Yugoslavia.....	25,580*	8,306*	32*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> The total land area of the country and, unless otherwise indicated, bodies of inland water.

<sup>b</sup> Arable land includes land planted to crops (with double-cropped areas being counted only once); land temporarily fallow; temporary meadows for mowing or pasture; garden land; land under fruit trees, vines, and fruit-bearing shrubs; and rubber plantations.

<sup>c</sup> One hectare equals 2.471 acres. Data are for various years during 1957-66.

<sup>d</sup> Land area only.

<sup>e</sup> Total agricultural area.

<sup>f</sup> Land belonging to agricultural holdings exceeding 0.405 hectare (1 acre).

<sup>g</sup> Continental sector only.

<sup>h</sup> Including data for Kashmir-Jammu.

<sup>i</sup> Including data for the Balearic and Canary Islands.

<sup>j</sup> Official Soviet data (22,402,200 square kilometers) include the White Sea (90,000 square kilometers) and the Sea of Azov (40,000 square kilometers), which are excluded by definition from the data shown.

<sup>k</sup> Including only plowland and lands formerly cultivated but now idle.

Table 150

Net Agricultural Production and Net Availability of Grain in India  
1957-66

Index of Net Agricultural Production <sup>a</sup> (Crop year ending 30 June 1960=100)								
1957/58	1958/59	1959/60	1960/61	1961/62	1962/63	1963/64	1964/65	1965/66
89.0*	103*	100*	109*	111*	106*	109*	121*	121*
Production and Net Availability of Grain								
Million Metric Tons								
Cereals <sup>b</sup>				Pulses				
Net Production	Net Imports	Change in Government Stocks <sup>c</sup>	Net Availability	Net Availability	Net Availability of Cereals and Pulses	Million Persons at Midyear <sup>d</sup>	Availability Per Capita (Kilograms)	
1957. . . .	49.63*	3.63*	-0.86*	52.40*	10.61*	63.01*	405.8*	155*
1958. . . .	53.93*	3.22*	+0.27*	57.42*	8.82*	66.24*	414.3*	160*
1959. . . .	56.42*	3.86*	-0.49*	59.79*	11.54*	71.33*	423.3*	169*
1960. . . .	59.06*	5.13*	-1.40*	62.79*	10.32*	73.11*	432.7*	169*
1961. . . .	59.56*	3.49*	+0.17*	63.22*	11.11*	74.33*	442.7*	168*
1962. . . .	60.33*	3.64*	+0.36*	64.33*	10.28*	74.61*	453.4*	165*
1963. . . .	62.60*	4.55*	+0.02*	67.17*	9.99*	77.16*	464.3*	166*
1964. . . .	64.48*	6.26*	+1.26*	72.00*	8.79*	80.79*	475.5*	170*
1965. . . .	56.00*	7.45*	-1.12*	62.33*	10.82*	73.15*	487.0*	150*
1966. . . .	56.90*	10.62*	N.A.*	N.A.*	8.76*	N.A.*	498.8*	N.A.*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> The years refer to the crop years—that is, the year ending 30 June of the last year of the 2 years stated.

<sup>b</sup> Data are for cleaned rice, jowar, bajra, corn, ragi, small millets, wheat, and barley. Production data relate to harvests mostly completed within the stated calendar years and have been reduced by 12.5 percent to eliminate amounts used for feed, seed, and waste. Therefore, these data differ from those presented in Table 32, p. 32.

<sup>c</sup> A minus sign indicates amounts reserved for stocks; a plus sign indicates additions to net availability from stocks.

<sup>d</sup> Including data for Sikkim and Kashmir-Jammu. Midyear population is used because crop production in India occurs at a period different from that in most other Northern Hemisphere countries.

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Table 151

Availability of Grain in Communist China  
1957/58-1966/67

Consumption Year	Million Metric Tons			Million Persons at Year's End	Availability per Capita ° (Kilograms)
	Production °	Net Trade °	Total Availability °		
1957/58.....	180	-0.7	179	649*	276
1958/59.....	195 to 200	-1.5	194 to 198	665*	292 to 298
1959/60.....	165 to 170	-2.0	163 to 168	680*	240 to 247
1960/61.....	160 to 165	+0.8	161 to 166	692*	233 to 240
1961/62.....	160 to 165	+4.9	165 to 170	704*	234 to 241
1962/63.....	175 to 180	+4.6	180 to 185	716*	251 to 258
1963/64.....	170 to 185	+5.0	175 to 190	730*	240 to 260
1964/65.....	180 to 190	+4.5	184 to 194	746*	247 to 260
1965/66.....	185 to 195	+5.5	190 to 200	764*	249 to 262
1966/67.....	180 to 195	+4.0	184 to 199	780*	236 to 255

\* An asterisk indicates that the data are unclassified.

° Production of grain is on a calendar year basis although it is consumed from July of one year through June of the next. Data include tubers on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.

° A minus sign indicates net exports; a plus sign indicates net retained imports.

° Including nonfood as well as food use.

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Table 152

Production of Grain <sup>a</sup>  
1955-59 Annual Average and 1960-66

Million Metric Tons

	1955-59 Annual Average	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	255*	290*	259*	281*	300*	285*	312*	315*
US <sup>c</sup> .....	154*	181*	164*	163*	177*	164*	185*	183*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	145	137	154	152	135	165	148	186 to 191
USSR <sup>d</sup> .....	104*	93*	110*	109*	92*	120*	100*	135 to 140*
Eastern Europe.....	41.3	43.9	44.0	43.2	43.5	44.6	48.5	51.2
Bulgaria.....	3.59	4.04	3.78	3.82	3.86	4.46	4.58	5.74
Czechoslovakia.....	5.21*	5.74*	5.66*	5.69*	5.64*	5.26*	5.23*	5.98
East Germany <sup>e</sup> .....	4.93	5.60	4.80	5.34	5.03	5.42	5.99	5.37
Hungary.....	6.37*	6.86*	6.11*	6.73*	6.31*	6.75*	7.28*	7.35
Poland.....	13.2	13.1	14.3	13.0	13.5	13.0	14.8	14.7
Rumania.....	8.04	8.58	9.32	8.57	9.14	9.68	10.6	12.1
Far East								
Communist China <sup>f</sup> .....	180 *	160 to 165	160 to 165	175 to 180	170 to 185	180 to 190	185 to 195	180 to 195
North Korea <sup>g</sup> .....	2.12	2.68	2.94	3.14	N.A.	N.A.	N.A.	N.A.
North Vietnam <sup>h</sup> .....	4.49	4.43*	4.93*	4.82*	4.46*	4.59*	4.79*	N.A.
Other								
Albania <sup>i</sup> .....	0.34*	0.22*	0.28*	0.31*	0.29*	0.33*	0.33	0.38
Cuba <sup>j</sup> .....	0.38*	0.48*	0.40*	0.37*	0.38*	0.22	0.12	0.14
Yugoslavia.....	8.59*	10.9*	8.93*	9.51*	10.6*	11.7*	10.6*	14.0*

## Other NATO Countries

	1955-59 Annual Average	1960	1966		1955-59 Annual Average	1960	1966		1955-59 Annual Average	1960	1966
Belgium...	1.70*	1.79*	1.50*	Italy.....	14.2*	12.0*	14.5*	Portugal.....	1.65*	1.36*	1.30*
Canada....	24.6*	25.4*	37.3*	Luxembourg <sup>k</sup> ...	0.09*	0.04*	0.07*	Turkey.....	11.1*	12.2*	14.2*
Denmark...	3.70*	4.25*	5.53*	Netherlands...	1.58*	1.73*	1.56*	UK.....	8.39*	9.47*	13.6*
France....	19.4*	22.8*	25.8*	Norway.....	0.46*	0.60*	0.50*	West Germany..	12.2*	14.1*	13.4*
Greece.....	2.33*	2.44*	3.19*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for barley, corn, oats, rice, rye, and wheat where they are produced.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Excluding corn silage and forage but including sorghum for grain.<sup>d</sup> Including miscellaneous grains and pulses.<sup>e</sup> Including miscellaneous grains.<sup>f</sup> Including kaoliang, broad beans, and field peas. Tubers are included on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.<sup>g</sup> Annual average for 1957-59.<sup>h</sup> Including buckwheat, millet, beans, and peas.<sup>i</sup> Corn and rice only.<sup>j</sup> Including buckwheat.<sup>k</sup> Oats only.

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Table 153

Production of Breadgrain (Wheat and Rye)  
1955-59 Annual Average and 1960-66

Million Metric Tons

	1955-59 Annual Average	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>a</sup> .....	84.7*	95.1*	81.2*	94.9*	95.4*	102*	105*	105*
US.....	30.5*	37.8*	34.3*	30.8*	31.8*	36.0*	36.6*	36.4*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	86.7	81.8	92.8	93.9	73.3	94.4	90.0	117
USSR.....	63.8*	59.0*	69.0*	71.0*	51.0*	71.0*	62.0*	90.0*
Eastern Europe.....	22.9	22.8	23.8	22.9	22.3	23.4	28.0	27.4
Bulgaria.....	1.98	2.09	1.88	1.91	1.83	1.96	2.68	2.90
Czechoslovakia.....	2.48*	2.40*	2.66*	2.56*	2.65*	2.70*	2.81*	2.97
East Germany.....	3.16	3.30*	2.53	2.80	2.72	2.92	3.34	3.10
Hungary.....	2.33	2.12*	2.23*	2.19*	1.74*	2.32*	2.63	2.43
Poland.....	9.56*	9.36*	10.40*	9.27*	9.49	9.54	11.12	10.86
Rumania.....	3.36*	3.55*	4.09*	4.13*	3.88*	3.92*	5.41*	5.14
Far East								
North Korea <sup>b</sup> .....	0.10	0.03	0.05	0.04	N.A.	N.A.	N.A.	N.A.
Other								
Albania.....	0.12*	0.07*	0.10*	0.15*	0.06*	0.13*	0.10	0.14
Yugoslavia.....	2.69*	3.80*	3.36*	3.43*	4.30*	3.88*	3.62*	4.78

## Other NATO Countries

	1955-59 Annual Average	1960	1966		1955-59 Annual Average	1960	1966		1955-59 Annual Average	1960	1966
Belgium....	0.92*	0.96*	0.73*	Italy.....	9.08*	6.90*	9.49*	Portugal.....	0.84*	0.63*	0.47*
Canada....	12.91*	14.34*	23.37*	Luxembourg...	0.05*	0.05*	0.04*	Turkey.....	6.82*	7.67*	8.98*
Denmark...	0.56*	0.77*	0.53*	Netherlands...	0.83*	1.05*	0.79*	UK.....	2.79*	3.07*	3.56*
France....	10.21*	11.44*	11.66*	Norway.....	0.03*	0.03*	Negl.*	West Germany.	7.51*	8.74*	7.23*
Greece.....	1.62*	1.72*	1.98*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>b</sup> Wheat only.

Table 154

Production of Coarse Grain (Barley, Corn, and Oats)  
1955-59 Annual Average and 1960-66

Million Metric Tons

	1955-59 Annual Average	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>a</sup> .....	167*	191*	174*	182*	200*	179*	204*	205*
US <sup>b</sup> .....	121*	141*	128*	130*	142*	125*	145*	143*
COMMUNIST COUNTRIES <sup>c</sup>								
USSR and Eastern Europe...	58.0	55.0	61.1	58.2	62.1	69.0	57.5	69.7
USSR <sup>d</sup> .....	39.7*	34.0*	41.0*	38.0*	41.0*	48.0*	37.0*	46.0*
Eastern Europe.....	18.3	21.0	20.1	20.2	21.1	21.0	20.5	23.7
Bulgaria.....	1.56	1.93	1.87	1.88	2.07	2.47	1.87	2.79
Czechoslovakia <sup>e</sup> .....	2.73*	3.34*	3.00*	3.13*	3.00*	2.56*	2.42*	3.01
East Germany.....	1.77	2.30	2.27	2.54	2.31	2.50	2.65	2.27
Hungary <sup>e</sup> .....	3.97*	4.69*	3.84*	4.50*	4.53*	4.38*	4.63*	4.89
Poland <sup>f</sup> .....	3.62	3.73	3.97	3.71	3.98	3.42	3.71	3.79
Rumania.....	4.64	4.98	5.19	4.41	5.20	5.71	5.18	6.91
Far East								
North Korea.....	0.87	1.14	1.36	1.34	N.A.	N.A.	N.A.	N.A.
North Vietnam <sup>g</sup> .....	0.21*	0.21*	0.27*	0.28*	0.22*	0.27*	0.28*	N.A.
Other								
Albania.....	0.21*	0.14*	0.18*	0.15*	0.21*	0.19*	0.22	0.23
Cuba <sup>h</sup> .....	0.17*	0.21*	0.20*	0.16*	0.18*	0.10*	0.06*	0.06*
Yugoslavia <sup>e</sup> .....	5.54*	7.06*	5.55*	6.05*	6.25*	7.79*	6.94*	8.90*

## Other NATO Countries

	1955-59 Annual Average	1960	1966		1955-59 Annual Average	1960	1966		1955-59 Annual Average	1960	1966
Belgium...	0.77*	0.83*	0.77*	Italy.....	4.37*	4.43*	4.27*	Portugal.....	0.64*	0.58*	0.66*
Canada....	11.74*	11.09*	13.97*	Luxembourg <sup>h</sup> ..	0.04*	0.04*	0.04*	Turkey.....	4.17*	4.34*	4.95*
Denmark..	3.14*	3.48*	5.00*	Netherlands....	0.75*	0.68*	0.77*	UK.....	5.60*	6.40*	10.08*
France....	9.11*	11.26*	14.06*	Norway.....	0.43*	0.57*	0.50*	West Germany.	4.71*	5.40*	6.21*
Greece....	0.66*	0.66*	1.13*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>b</sup> Excluding corn silage and forage but including sorghum for grain, which amounted to 18.3 million metric tons in 1966.<sup>c</sup> Unless otherwise indicated, data include miscellaneous grains.<sup>d</sup> Including pulses.<sup>e</sup> Excluding miscellaneous grains.<sup>f</sup> Excluding corn and miscellaneous grains.<sup>g</sup> Corn only.<sup>h</sup> Oats only.

Table 155

Production of Rice \*  
1955-59 Annual Average and 1960-66

Thousand Metric Tons

	1955-59 Annual Average	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	3,340*	3,540*	3,690*	4,210*	4,300*	4,490*	4,500*	5,160*
US.....	2,238*	2,476*	2,458*	2,906*	3,187*	3,318*	3,490*	3,852*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	404*	313*	355*	365*	521*	591*	681*	843
USSR.....	246*	187*	250*	270*	380*	470*	580*	710*
Eastern Europe.....	158*	126*	105*	95*	141*	121*	101*	133
Bulgaria.....	47*	32*	36*	39*	42*	32*	34*	47*
Hungary.....	71*	45*	38*	36*	48*	35*	21*	31
Rumania.....	40*	49*	31*	20*	51*	54*	46*	55
Far East								
North Korea.....	1,242*	1,513	1,533	1,750	1,549	1,619	N.A.	N.A.
North Vietnam.....	4,275	4,212*	4,651*	4,542*	4,241*	4,314*	4,512*	4,200
Other								
Albania.....	6*	5*	5*	6*	9*	8*	9	9
Cuba.....	215	270*	200*	210*	200*	120	60	85
Yugoslavia.....	22*	22*	20*	23*	23*	25*	25*	26*

Other NATO Countries

	1955-59 Annual Average	1960	1966		1955-59 Annual Average	1960	1966		1955-59 Annual Average	1960	1966
France.....	113*	103*	124*	Italy.....	734*	622*	700*	Turkey.....	136*	138*	220*
Greece.....	59*	54*	80*	Portugal..	163*	151*	174*				

Other Free World Countries

	1955-59 Annual Average	1960	1966		1955-59 Annual Average	1960	1966		1955-59 Annual Average	1960	1966
Burma.....	6,985*	7,575*	8,200* <sup>c</sup>	Japan <sup>d</sup> ...	14,810*	16,074*	16,250*	South Vietnam.	4,100*	5,000*	4,822*
India <sup>d</sup> .....	43,363*	51,348*	55,000*	Pakistan <sup>d</sup> .	12,828*	16,068*	17,800*	Thailand.....	7,084*	7,788*	10,500*
Indonesia...	12,019*	12,849*	15,000* <sup>d</sup>								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Rough, or paddy, rice. Crop production statistics for the Northern Hemisphere relate generally to the harvests of the spring, summer, and autumn of the year stated, but for the more southerly regions of this hemisphere they relate to harvests continuing into the early part of the following year. For the Southern Hemisphere these data relate to crops generally harvested in the latter part of the year stated and the first half of the following year.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Data are for 1965.

<sup>d</sup> Estimated from planted acreage.

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Table 156

Production of Potatoes <sup>a</sup>  
1955 and 1960-66

Million Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	81.9*	86.5*	80.9*	82.6*	87.5*	75.3*	73.0*	74.5*
US.....	11.53*	13.08*	14.92*	13.55*	13.80*	12.16*	14.72*	15.24*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	123	146	146	128	138	163	149	156
USSR.....	71.75*	84.37*	84.31*	69.68*	71.83*	93.64*	88.68*	87.18*
Eastern Europe.....	51.6	61.4	61.8	57.9	65.8	69.5	60.1	68.3
Bulgaria.....	0.36*	0.48*	0.44*	0.36*	0.41*	0.50*	0.28*	0.42*
Czechoslovakia.....	7.91*	5.09*	5.33*	5.00*	6.51*	7.66*	3.68*	5.70*
East Germany.....	11.20	14.20	8.10	11.96	11.60	11.54	11.57	12.18
Hungary.....	2.47*	2.66*	1.63*	1.88*	2.03*	1.65*	1.48*	2.43*
Poland.....	27.02*	35.96	43.42	36.08	42.60	45.52	40.92	44.26
Rumania.....	2.61*	3.01*	2.88*	2.60*	2.69*	2.62*	2.20*	3.34*
Far East								
North Korea <sup>c</sup> .....	0.15	0.79	1.05	N.A.	N.A.	N.A.	N.A.	N.A.
North Vietnam <sup>d</sup> .....	0.70	0.92*	1.71*	1.74*	1.68*	2.03*	1.18* <sup>e</sup>	N.A.
Other								
Albania.....	0.03*	0.02*	0.03*	0.02*	0.02*	0.03*	0.02	0.10
Cuba.....	0.13	0.09*	0.08*	0.09*	0.08*	0.09	0.10	0.12
Yugoslavia.....	2.27*	3.27*	2.69*	2.63*	3.02*	2.82*	2.38*	3.14

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium <sup>f</sup> ...	2.45*	2.29*	1.40*	Greece.....	0.49*	0.47*	0.68*	Portugal.....	1.24*	1.17*	1.00*
Canada.....	2.02*	2.31*	2.90*	Italy.....	3.79*	4.28*	4.35*	Turkey.....	1.12*	1.40*	1.70*
Denmark...	1.61*	2.20*	1.08*	Netherlands...	4.57*	4.45*	4.06*	UK.....	7.14*	8.14*	8.19*
France.....	15.20*	17.80*	11.57*	Norway.....	1.10*	1.40*	1.19*	West Germany.	29.68*	27.49*	21.11*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for Irish potatoes.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including sweet potatoes and other starchy tubers such as taro and cassava.

<sup>d</sup> Sweet potatoes and manioc.

<sup>e</sup> Sweet potatoes only.

<sup>f</sup> Including data for Luxembourg.

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Table 157

Production of Meat <sup>a</sup>  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	22,900*	24,500*	25,200*	26,200*	26,900*	28,000*	27,900*	28,500*
US.....	12,200*	12,795*	12,966*	13,134*	13,862*	14,834*	14,304*	14,795*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	8,480	10,800	11,000	11,700	12,300	11,000	12,800	13,600
USSR <sup>c</sup> .....	5,690*	7,380*	7,400*	8,140*	8,870*	7,300*	8,800*	9,500*
Eastern Europe.....	2,790	3,380	3,610	3,600	3,450	3,680	4,000	4,080
Bulgaria.....	155	174	204	223	209	231	278	288
Czechoslovakia.....	402	483	499	514	512	549	599	586
East Germany.....	667	730	755	649	715	806	861	898
Hungary <sup>d</sup> .....	314	430*	448*	460*	456*	433*	466*	457
Poland <sup>e</sup> .....	894	1,148	1,279	1,285	1,192	1,226	1,334	1,383
Rumania.....	361	414	426	465	365	430	462	471
Far East								
Communist China.....	6,625	N.A.	N.A.	3,900	4,800	5,600	N.A.	N.A.
North Korea.....	N.A.	65 <sup>f</sup>	82	82	83	N.A.	N.A.	N.A.
Other								
Albania.....	14	14	14	14	14	14	14	14
Yugoslavia <sup>g</sup> .....	481*	522*	533*	543*	546*	558*	637*	562

Other NATO Countries <sup>h</sup>

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium <sup>i</sup> .....	411*	447*	503*	Greece <sup>j</sup> .....	105*	115*	190*	Portugal.....	169*	156*	154*
Canada.....	1,058*	1,114*	1,322*	Italy.....	830*	1,104*	1,188*	Turkey <sup>k</sup> .....	315*	215*	240*
Denmark.....	660*	766*	855*	Netherlands..	558*	704*	800*	UK <sup>l</sup> .....	1,602*	1,718*	2,020*
France.....	2,470*	2,613*	3,177*	Norway.....	123*	122*	137*	West Germany.	2,396*	2,617*	3,107*

Other Free World Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Argentina.....	2,452*	2,263*	3,221*	Brazil.....	1,458*	1,872*	2,105*	New Zealand...	620*	748*	815*
Australia.....	1,253*	1,359*	1,684*	Mexico <sup>m</sup> .....	526*	655*	840*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, and goat where they are produced. Unless otherwise indicated, data exclude horsemeat, rabbit, poultry, edible offal, and lard.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including poultry, edible offal, and slaughter fats.

<sup>d</sup> Including horsemeat and live exports.

<sup>e</sup> Including horsemeat and edible offal.

<sup>f</sup> Plan data.

<sup>g</sup> Including horsemeat.

<sup>h</sup> Unless otherwise indicated, data include horsemeat.

<sup>i</sup> Including data for Luxembourg.

<sup>j</sup> Excluding horsemeat.

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Table 158

Production of Milk <sup>a</sup>  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES <sup>b</sup> .....	136,000*	149,000*	153,000*	155,000*	154,000*	153,000*	153,000*	153,000*			
US.....	55,850*	55,702*	56,899*	57,162*	56,703*	57,606*	56,324*	54,535*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	63,000*	82,600*	83,800*	84,800*	82,800*	86,500*	96,900*	101,000			
USSR.....	40,800*	55,500*	56,300*	58,100*	56,300*	59,500*	68,200*	71,200*			
Eastern Europe.....	22,200*	27,100*	27,500*	26,700*	26,500*	27,000*	28,700*	29,900			
Bulgaria.....	382*	744*	814*	772*	797*	926*	1,000*	1,090			
Czechoslovakia <sup>c</sup> .....	3,521*	3,830*	3,946*	3,664*	3,536*	3,764*	3,924*	4,155			
East Germany <sup>d</sup> .....	5,077*	5,730*	5,612*	5,216*	5,569*	5,750*	6,371*	6,560			
Hungary <sup>e</sup> .....	1,525*	1,957*	1,899*	1,806*	1,804*	1,856*	1,762*	1,794			
Poland.....	9,903*	12,488*	12,759*	12,860*	12,641*	12,592*	13,330*	13,900			
Rumania.....	1,816*	2,356*	2,496*	2,403*	2,184*	2,116*	2,302*	2,415			
Other											
Albania.....	34	44	44	44	45	45	45	44			
Cuba.....	735*	742*	760*	660*	660*	780	780	950			
Yugoslavia.....	1,701*	2,280*	2,246*	2,218*	2,168*	2,236*	2,301*	2,400			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Belgium..	3,769*	3,891*	4,002*	Greece.....	320*	392*	601*	Norway.....	1,615* <sup>g</sup>	1,613*	1,720*
Canada <sup>h</sup> ..	7,846*	8,385*	8,335*	Italy.....	8,142*	9,648*	10,194* <sup>f</sup>	Turkey.....	1,642*	2,241*	2,550*
Denmark..	5,124*	5,399*	5,309*	Luxembourg..	179*	185*	191*	UK.....	10,811*	12,670*	11,275* <sup>h</sup>
France... 18,328*	22,652*	25,829*	Netherlands..	5,725*	6,838*	7,236*	West Germany..	16,907*	19,250*	21,357*	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Whole milk from cows.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including milk sucked by young animals.

<sup>d</sup> In terms of 3.5 percent butter-fat content.

<sup>e</sup> Data for 1962 and subsequent years have been revised slightly and therefore are not strictly comparable with previous years.

<sup>f</sup> Including sheep and goat milk.

<sup>g</sup> Including goat milk.

<sup>h</sup> Under Milk Marketing Schemes only.

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Table 159

Production of Sugar \*  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	9,460*	12,000*	11,500*	10,500*	12,000*	14,100*	13,100*	N.A.*
US <sup>c</sup> .....	3,199*	3,637*	3,871*	3,990*	4,415*	5,066*	4,842*	4,812*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	6,470	11,000	12,700	11,500	10,400	12,900	15,100	14,400
USSR <sup>d</sup> .....	3,419*	6,363*	8,376*	7,800*	6,219*	8,209*	11,037*	9,740*
Eastern Europe.....	3,050	4,660	4,310	3,740	4,160	4,670	4,040	4,700
Bulgaria.....	69*	186*	255*	153*	155*	243	340	356
Czechoslovakia.....	778	1,179	1,041	904	1,035	994	717	966
East Germany.....	720*	900*	920*	668*	789*	818*	632*	765
Hungary.....	276*	461	297	313	439	442	441	455
Poland <sup>e</sup> .....	1,066*	1,511*	1,639*	1,328*	1,424*	1,798*	1,472*	1,679*
Rumania.....	143*	425*	459*	372*	313*	379*	437*	480*
Far East								
Communist China <sup>f</sup> .....	860	920	700	480	540	1,100	1,500	1,500
North Vietnam.....	1.6	10	16*	19*	25*	N.A.	N.A.	N.A.
Other								
Albania.....	8*	15*	11*	10*	13*	14	13	13
Cuba <sup>g</sup> .....	4,528*	5,862*	6,767*	4,815*	3,821*	4,400	6,050	4,450
Yugoslavia.....	117*	289*	250*	246*	340*	349*	369*	473*

## Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium <sup>h</sup> ..	381*	507*	431*	Greece.....	0*	0*	103*	Turkey.....	277*	699*	567*
Canada....	135*	152*	137*	Italy.....	1,171*	998*	1,241*	UK.....	698*	860*	973*
Denmark..	275*	322*	260*	Netherlands.....	416*	669*	595*	West Germany..	1,298*	1,877*	1,601*
France....	1,595*	2,267*	2,377*	Portugal <sup>i</sup> .....	11*	14*	17*				

## Other Free World Countries \*

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Australia..	1,156*	1,441*	2,073*	Dominican Republic..	614*	1,112*	580*	Mexico.....	961*	1,530*	2,107*
Brazil....	2,073*	3,319*	4,614*	India.....	1,756*	2,814*	3,493*	Philippines....	1,244*	1,398*	1,610*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for beet sugar produced in the calendar year. Data are given in terms of the raw value of centrifugal sugar. Refined sugar is equal to approximately 90 percent of raw sugar by weight. Centrifugal, as distinguished from noncentrifugal, sugar includes cane and beet sugar produced by the centrifugal process and is the principal type of sugar moving in international trade.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including cane sugar.

<sup>d</sup> Refined, including imported raw sugar.

<sup>e</sup> Data are for the campaign year beginning in September of the year stated and ending in March of the following year.

<sup>f</sup> Data are for 1957.

<sup>g</sup> Cane sugar only.

<sup>h</sup> Including data for Luxembourg.

<sup>i</sup> Data are for the Azores and Madeira only.

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Table 160

Fish Catch <sup>a</sup>  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES.....	10,200*	10,100*	10,500*	10,700*	10,800*	11,300*	12,300*	N.A.*
US.....	2,790.4*	2,814.7*	2,931.9*	2,972.8*	2,776.6*	2,647.1*	2,701.1*	N.A.*
COMMUNIST COUNTRIES <sup>b</sup>								
USSR and Eastern Europe...	2,960*	3,880*	4,080*	4,550*	5,150*	5,710*	6,380*	N.A.
USSR.....	2,737.0*	3,541.2*	3,723.8*	4,168.1*	4,681.1*	5,171.0*	5,774.0*	6,049.0*
Eastern Europe.....	224*	339*	360*	380*	464*	538*	607*	N.A.
Bulgaria <sup>c</sup> .....	4.5*	7.9*	5.7*	5.1*	4.3*	9.9*	17.3*	18.3
Czechoslovakia.....	6.3*	8.8*	9.9*	10.1*	9.7*	10.6*	11.0*	11.2
East Germany.....	69.0*	114.4*	130.1*	150.1*	184.8*	218.0*	229.4*	N.A.
Hungary.....	9.5*	14.9*	19.3*	21.0*	21.0*	22.7*	24.8*	N.A.
Poland <sup>d</sup> .....	107.1*	168.0*	169.3*	164.1*	210.0*	244.3*	279.8*	314.3*
Rumania.....	27.5*	25.0*	26.0*	30.0*	34.4*	32.4*	44.3*	43.7*
Far East								
Communist China.....	2,518.0 *	3,450.0 *	3,700.0 *	N.A.	N.A.	N.A.	N.A.	N.A.
North Korea.....	313.0*	465.0*	595.0*	N.A.	640.0*	770.0*	785.0*	N.A.
North Vietnam.....	96.0	166.7	163.3	184.8	N.A.	N.A.	N.A.	N.A.
Other								
Albania.....	2.6*	2.6*	3.2*	2.8*	3.5*	3.6*	N.A.	N.A.
Cuba.....	12.8*	31.2*	30.5*	35.0*	35.6*	36.3*	40.3*	N.A.
Yugoslavia.....	22.6*	30.9*	37.3*	30.3*	34.4*	38.3*	41.9*	N.A.

## Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium...	80.0*	63.7*	59.8*	Italy.....	257.7*	249.5*	317.3*	Portugal <sup>b</sup> ...	433.8*	475.1*	554.0*
Canada...	965.0*	934.5*	1,258.7*	Luxem-				Turkey <sup>f</sup> ...	111.5*	89.4*	121.7* <sup>i</sup>
Denmark...	425.3*	581.2*	840.7*	bourg...	0.3*	0.3*	0.6* <sup>g</sup>	UK.....	1,100.4*	923.8*	1,046.8*
France...	594.6*	734.2*	767.6*	Nether-				West Ger-			
Greece <sup>f</sup> ...	60.0*	87.0*	124.0*	lands...	319.5*	314.7*	377.0*	many...	814.8*	674.0*	632.0*
Iceland...	480.3*	592.8*	1,198.9*	Norway...	1,813.4*	1,543.0*	2,280.1*				

## Other Free World Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
India <sup>f</sup> ...	839.0*	1,161.4*	1,331.3*	Japan <sup>f</sup> ...	4,907.6*	6,192.7*	6,879.0*	Spain.....	770.3* <sup>i</sup>	969.9*	1,338.5*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for all species of fish and seaweed, crustaceans, and mollusks, but exclude aquatic mammals.

Data are in terms of live weight.

<sup>b</sup> Including aquatic mammals.<sup>c</sup> Commercial catch only.<sup>d</sup> Salt water catch only.<sup>e</sup> Fish only.<sup>f</sup> Including landed weight.<sup>g</sup> Data are for 1963 and are included in the NATO totals for 1964-65.<sup>h</sup> Including data for the Azores and Madeira.<sup>i</sup> Data are for 1964 and are included in the NATO total for 1965.<sup>j</sup> Excluding mollusks cultivated in parks and "viveros" and aquatic plants.

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Table 161

Number of Cattle \*  
1955 and 1960-67

Million Head

	1955	1960	1961	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>b</sup> .....	178*	185*	188*	192*	196*	198*	202*	204*	205*
US.....	96.59*	96.42*	97.53*	100.00*	103.74*	106.74*	109.00*	108.86*	108.49*
COMMUNIST COUNTRIES									
USSR and Eastern Europe..	80.8*	99.3*	102*	109*	114*	112*	114*	121*	N.A.
USSR.....	56.07*	74.16*	75.78*	82.08*	80.99*	85.45*	87.17*	93.44*	97.08*
Eastern Europe.....	24.1*	25.2*	26.2*	26.9*	26.9*	27.0*	27.3*	27.9*	N.A.
Bulgaria.....	1.61*	1.28*	1.45*	1.58*	1.58*	1.49*	1.47*	1.45*	1.39*
Czechoslovakia.....	4.04*	4.30*	4.39*	4.52*	4.51*	4.48*	4.44*	4.39*	4.46*
East Germany <sup>c</sup> .....	3.76* <sup>d</sup>	4.46* <sup>d</sup>	4.68* <sup>e</sup>	4.55*	4.51*	4.61*	4.68*	4.76*	4.92*
Hungary <sup>f</sup> .....	2.13*	1.97*	1.90*	1.99*	1.91*	1.88*	1.96*	1.97*	N.A.
Poland <sup>g</sup> .....	7.91*	8.70*	9.17*	9.59*	9.84*	9.94*	9.95*	10.39*	N.A.
Rumania.....	4.63*	4.45*	4.53*	4.71*	4.57*	4.64*	4.76*	4.94*	5.20*
Far East									
North Korea.....	N.A.	N.A.	0.67*	N.A.	0.68*	0.68*	0.70*	N.A.	N.A.
North Vietnam <sup>h</sup> .....	1.84*	2.40*	2.33*	2.23*	2.27*	2.30*	2.38*	N.A.	N.A.
Other									
Albania <sup>b</sup> .....	0.43*	0.43*	0.43*	0.42*	0.41*	0.41*	0.43*	0.42	0.42
Cuba.....	4.45*	5.76*	5.78*	5.80*	6.00	6.18	N.A.	N.A.	N.A.
Yugoslavia.....	5.20*	5.30*	5.70*	5.88*	5.36*	5.09*	5.22*	5.58*	5.70*

## Other NATO Countries

	1955	1960	1967		1955	1960	1967		1955	1960	1967
Belgium <sup>i</sup> ...	2.38*	2.69*	2.78*	Italy <sup>b</sup> ...	9.03*	9.40*	10.00*	Portugal.....	0.90*	1.11*	1.08* <sup>m</sup>
Canada <sup>j</sup> ...	9.47*	10.49*	11.45*	Nether-				Turkey <sup>b</sup> .....	11.94*	13.48*	14.48*
Denmark <sup>k</sup> ...	3.09*	3.31*	3.23*	lands..	3.00*	3.16*	3.92*	UK.....	10.67*	11.48*	12.18*
France <sup>l</sup> ...	17.32*	18.74*	21.04*	Norway..	1.17*	1.08*	1.00*	West Germany..	11.52*	12.48*	13.96*
Greece <sup>b</sup> ...	0.99*	1.12*	1.13*								

## Other Free World Countries

	1955	1960	1967		1955	1960	1967		1955	1960	1967
Argentina <sup>n</sup> ..	44.00*	43.40*	45.00* <sup>n</sup>	Brazil....	61.42*	72.83*	90.69* <sup>n</sup>	World total <sup>o</sup> ..	912,00*	1,007.02*	1,139.90*
Australia <sup>o</sup> ..	15.84*	16.50*	24.97*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are as of the beginning of the year.<sup>b</sup> Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Unless otherwise indicated, data are as of 30 November of the previous year.<sup>d</sup> Data are as of 3 December of the previous year.<sup>e</sup> Data are as of 28 December of the previous year.<sup>f</sup> Data are as of 1 March of the stated year.<sup>g</sup> Data are as of 30 June of the stated year.<sup>h</sup> Including buffaloes.<sup>i</sup> Including data for Luxembourg.<sup>j</sup> Excluding data for Newfoundland.<sup>k</sup> Including data for the Faeroe Islands and Greenland.<sup>l</sup> Data are as of 31 October of the previous year.<sup>m</sup> Data are for 1966 and are included in the NATO total for 1967.<sup>n</sup> Data are for 1965.<sup>o</sup> Data are as of 31 March of the previous year.<sup>p</sup> Data are for 1966.<sup>q</sup> Estimated, including countries for which data are not available.

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Table 162

Number of Hogs <sup>a</sup>  
1955 and 1960-67

Million Head

	1955	1960	1961	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>b</sup> .....	98.7*	113*	110*	115*	117*	116*	113*	110*	114*
US.....	50.47*	59.03*	55.51*	57.00*	58.88*	58.12*	50.79*	47.41*	51.04*
COMMUNIST COUNTRIES									
USSR and Eastern Europe.	67.1*	91.9*	99.2*	108*	108*	82.0*	97.1*	102*	N.A.
USSR.....	30.92*	53.37*	58.67*	66.70*	69.96*	40.86*	52.84*	59.58*	58.00*
Eastern Europe.....	36.2*	38.5*	40.5*	41.8*	37.6*	41.2*	44.3*	42.2*	N.A.
Bulgaria.....	1.32*	2.27*	2.55*	2.33*	2.07*	2.10*	2.61*	2.41*	2.28*
Czechoslovakia.....	4.77*	5.69*	5.96*	5.90*	5.90*	5.84*	6.14*	5.54*	5.30*
East Germany <sup>c</sup> .....	9.03* <sup>d</sup>	8.28* <sup>d</sup>	8.32* <sup>d</sup>	8.86*	8.04*	9.29*	8.76*	8.88*	9.31*
Hungary <sup>e</sup> .....	5.82*	5.36*	5.92*	6.41*	5.43*	6.36*	6.96*	5.80*	N.A.
Poland <sup>f</sup> .....	10.89*	12.62*	13.43*	13.62*	11.65*	12.92*	13.78*	14.25*	N.A.
Rumania.....	4.37*	4.30*	4.30*	4.66*	4.52*	4.66*	6.03*	5.36*	5.40
Far East									
North Korea.....	0.70	N.A.	1.12*	1.40*	1.50*	1.14*	1.44*	N.A.	N.A.
North Vietnam.....	2.14*	3.63*	3.75*	3.74*	4.24*	4.21*	4.48*	4.69*	N.A.
Other									
Albania.....	0.08*	0.12*	0.13*	0.13*	0.11*	0.11*	0.15*	0.14	0.14
Cuba.....	1.36*	1.72*	0.83*	1.42*	1.66*	N.A.	N.A.	N.A.	N.A.
Yugoslavia.....	4.78*	6.21*	5.82*	5.16*	5.01*	6.10*	6.98*	5.12*	5.52*

## Other NATO Countries

	1955	1960	1967		1955	1960	1967		1955	1960	1967
Belgium <sup>g</sup> .....	1.45*	1.73*	2.26*	Greece.....	0.62*	0.64*	0.65*	Portugal.....	1.41*	1.80*	1.60* <sup>k</sup>
Canada.....	5.42*	6.42*	5.83* <sup>h</sup>	Italy.....	3.75*	4.15*	5.70*	Turkey.....	0.01*	0.01*	0.02*
Denmark <sup>i</sup> .....	4.81*	6.20*	8.08*	Netherlands...	2.33*	2.94*	3.89*	UK.....	5.84*	6.01*	7.29*
France <sup>j</sup> .....	7.57*	8.36*	9.24* <sup>k</sup>	Norway.....	0.46*	0.46*	0.50*	West Germany.	14.52*	14.88*	17.67*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are as of the beginning of the year.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Unless otherwise indicated, data are as of 30 November of the previous year.<sup>d</sup> Data are as of 3 December of the previous year.<sup>e</sup> Data are as of 1 March of the stated year.<sup>f</sup> Data are as of 30 June of the stated year.<sup>g</sup> Including data for Luxembourg.<sup>h</sup> Excluding data for Newfoundland.<sup>i</sup> Including data for the Faeroe Islands.<sup>j</sup> Data are as of 31 October of the previous year.<sup>k</sup> Data are for 1966 and are included in the NATO total for 1967.

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Table 163

Production of Ginned Cotton  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES *	3,410*	3,340*	3,430*	3,570*	3,690*	3,700*	3,660*	2,560*			
US.....	3,205.1*	3,107.3*	3,117.3*	3,236.8*	3,338.5*	3,305.0*	3,256.2*	2,096.0*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	1,350	1,480*	1,540*	1,480*	1,780*	1,810*	1,940*	2,060			
USSR.....	1,320.0	1,458.0*	1,536.0*	1,463.0*	1,771.0*	1,797.0*	1,925.0*	2,040.0*			
Eastern Europe.....	27.1*	21.5*	7.9*	16.1*	13.1*	14.2*	12.6*	21.8			
Bulgaria.....	20.4*	21.1*	7.9*	16.1*	13.1*	14.2*	12.6*	21.8			
Rumania.....	6.7*	0.4*	Negl.*	Negl.*	Negl.*	Negl.*	Negl.*	Negl.*			
Far East											
Communist China.....	1,520.0	1,250.0	980.0	750.0	800.0	1,000.0	1,000.0	1,200.0			
North Korea.....	N.A.	4.4*	10.0 <sup>b</sup>	N.A.	N.A.	N.A.	N.A.	N.A.			
North Vietnam.....	0.9	1.5*	2.0*	1.9*	2.0*	2.0	N.A.	N.A.			
Other											
Albania.....	4.1*	5.4*	6.1*	6.2*	7.7*	7.7*	9.0	9.0			
Cuba.....	0*	7.2*	4.7*	3.6*	3.5*	1.0	0.7	0.7			
Yugoslavia.....	3.0*	2.4*	2.0*	2.0*	2.8*	2.6*	1.7*	2.2*			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Greece.....	60.7*	62.7*	84.9*	Italy.....	13.9*	5.7*	4.4*	Turkey.....	130.6*	168.7*	370.1*
Other Free World Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Argentina....	122.6*	123.9*	98.0*	UAR.....	334.2*	478.1*	461.6*	Mexico.....	489.9*	457.2*	457.2*
Brazil.....	370.1*	424.6*	435.4*	India.....	823.0*	1,008.0*	1,088.6*	Pakistan....	309.2*	304.4*	435.4*

\* An asterisk indicates that the data are unclassified.

\* NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data are for the crop year—that is, the year beginning 1 August of the stated year.

<sup>b</sup> Plan data.

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Table 164

Production of Wool <sup>a</sup>  
1955 and 1960-66

Thousand Metric Tons

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	293*	327*	329*	318*	307*	292*	287*	289*
US.....	138.2*	146.3*	145.1*	135.8*	130.2*	120.0*	114.8*	113.4*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	317*	427*	441*	444*	445*	418*	436*	452
USSR.....	256.0*	356.8*	366.3*	371.4*	372.7*	340.7*	356.9*	372.0*
Eastern Europe.....	60.6*	70.3*	74.6*	72.6*	72.4*	77.7*	78.9*	79.8
Bulgaria.....	14.4*	21.0*	23.1*	22.8*	23.7*	25.4*	25.8*	25.8
Czechoslovakia.....	2.9*	2.5*	2.4*	2.1*	1.8*	1.9*	2.0*	2.1
East Germany.....	7.1*	7.7*	7.9*	7.1*	7.5*	7.8*	8.0*	8.0
Hungary.....	5.7*	8.3*	9.4*	9.4*	9.5*	10.5*	10.2*	10.1
Poland.....	9.8*	9.0*	8.8*	8.2*	7.3*	7.3*	7.5*	7.8*
Rumania.....	20.7*	21.8*	23.0*	23.0*	22.6*	24.8*	25.4*	26.0
Far East								
Communist China.....	N.A.	56.5	55.1	N.A.	N.A.	N.A.	N.A.	N.A.
Other								
Albania.....	2.6	2.2	2.4	2.4	2.4	2.5	2.5	2.5
Yugoslavia.....	16.2*	13.6*	13.7*	12.0*	12.6*	12.2*	12.6*	13.0*

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Canada.....	3.6*	3.8*	2.4*	Italy.....	14.0*	13.4*	13.2*	Turkey.....	36.7*	47.4*	45.0*
France.....	25.4*	29.5*	27.2*	Norway.....	3.6*	3.6*	3.6*	UK.....	45.2*	55.0*	58.1*
Greece.....	10.7*	11.4*	12.0*	Portugal.....	10.3*	11.0*	11.8*	West Germany.	5.3*	5.2*	2.7*

Other Free World Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Argentina...	161.9*	221.1*	199.6*	India.....	32.7*	34.1*	36.3*	South Africa °..	133.4*	135.7*	155.1*
Australia...	639.6*	740.3*	739.6*	New Zealand...	206.4*	266.7*	331.1*	Uruguay.....	78.0*	82.0*	86.0*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Raw wool (grease basis) from sheep, which includes both shorn and pulled wool together with the wool element of "wooled sheep-skins."

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including data for Lesotho and South-West Africa.

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Table 165

Production of Grain Combines \* in the UK, the US, and Selected Communist Countries  
1955 and 1960-66

	Units							
	1955	1960	1961	1962	1963	1964	1965	1966
UK <sup>b</sup> .....	6,209*	3,213*	2,781*	2,845*	4,674*	5,281*	5,243*	4,000*
US.....	63,739*	30,165*	22,916*	24,799*	31,961*	37,705*	37,606*	46,283*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	51,200*	69,300*	88,000*	91,100*	89,800*	89,600*	91,200*	98,200*
USSR.....	48,000*	59,000*	76,300*	79,800*	82,900*	83,600*	85,800*	92,000*
Eastern Europe.....	3,190*	10,300*	11,700*	11,300*	6,880*	6,040*	5,380*	6,220*
Bulgaria.....	300*	0* <sup>c</sup>	0* <sup>c</sup>	0* <sup>c</sup>	0* <sup>c</sup>	0* <sup>c</sup>	0* <sup>c</sup>	0* <sup>c</sup>
East Germany.....	1,053*	1,972*	2,459*	2,352*	1,801*	1,456*	1,585*	2,000*
Hungary.....	1,535*	2,266*	2,825*	2,553*	608*	0*	0*	0*
Poland.....	300*	564*	307*	561*	810*	1,515*	1,781*	2,024*
Rumania.....	0*	5,500*	6,129*	5,810*	3,660*	3,070*	2,012*	2,200*
Far East								
Communist China.....	3*	2,590*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*

\* An asterisk indicates that the data are unclassified.

\* Tractor-drawn and self-propelled.

<sup>b</sup> Deliveries.<sup>c</sup> Production ceased by 1959, and there has been no indication that production is to be resumed.

Table 166

Production of Tractors \*  
1955 and 1960-66

	Thousand Units							
	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	752*	583*	612*	628*	661*	677*	728*	749*
US.....	377.1*	178.5*	191.2*	207.3*	224.3*	240.6*	271.6*	298.3* <sup>c</sup>
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	200*	308*	337*	369*	404*	416*	441*	473*
USSR.....	163.4*	238.5*	263.6*	287.0*	325.3*	329.0*	354.5*	382.0*
Eastern Europe.....	36.7*	69.0*	73.5*	82.4*	78.9*	87.5*	86.5*	90.6*
Bulgaria.....	0*	0* <sup>d</sup>	0.2*	Nepl.*	0.6*	1.6*	2.8*	3.0*
Czechoslovakia.....	12.0*	32.5*	27.8*	31.5*	28.4*	29.7*	30.5*	28.2*
East Germany.....	7.8*	9.1*	12.4*	14.2*	16.5*	18.0*	12.9*	13.0*
Hungary.....	4.7*	2.6*	2.5*	2.6*	3.1*	3.0*	3.0*	3.3*
Poland.....	8.1*	7.7*	10.6*	12.6*	17.0*	19.2*	21.5*	24.6*
Rumania.....	3.5*	17.1*	20.0*	21.5*	13.3*	16.0*	15.8*	18.5*
Far East								
Communist China.....	0*	11.3	7.6	8.3	10.0	12.3	15.0	16.5
North Korea.....	0*	3.0*	4.0*	2.5*	3.0*	4.0*	8.0*	5.0
Other								
Yugoslavia.....	1.1*	7.3*	4.9*	5.4*	8.1*	9.4*	7.4*	8.7*

## Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
France.....	65.7*	63.4*	65.0*	UK *.....	135.2*	182.3*	220.0*	West Germany <sup>f</sup> .....	149.4*	120.7*	100.0*
Italy.....	24.3*	38.5*	65.8*								

\* An asterisk indicates that the data are unclassified.

\* Physical units.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The data exclude garden-type tractors.

\* Data for wheel-type tractors are shipments.

<sup>d</sup> Production began in 1960 but was limited to a test series.

\* Including industrial wheeled tractors.

<sup>f</sup> Excluding tracklaying tractors.

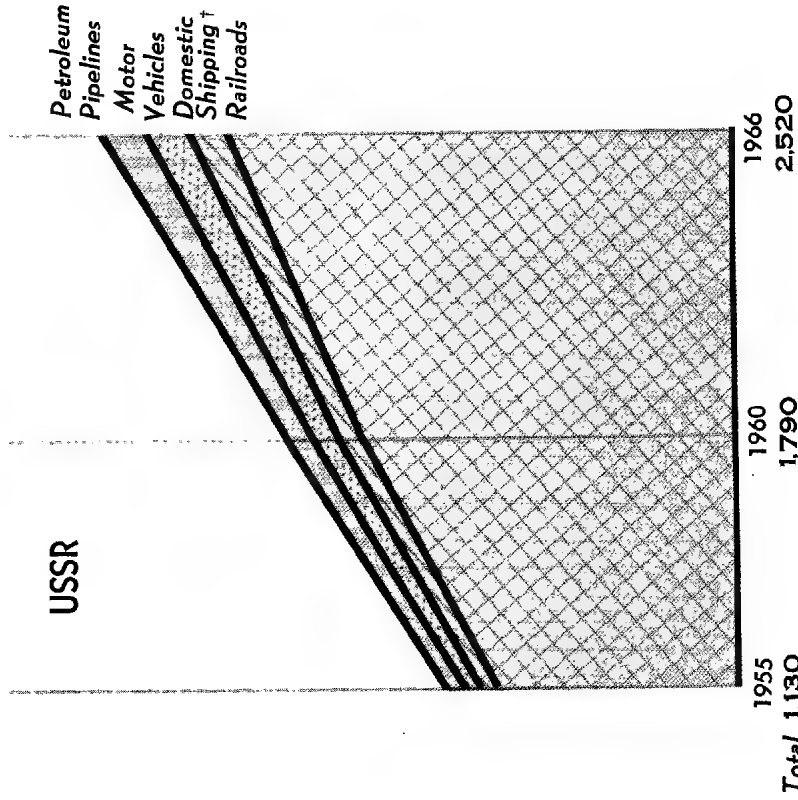
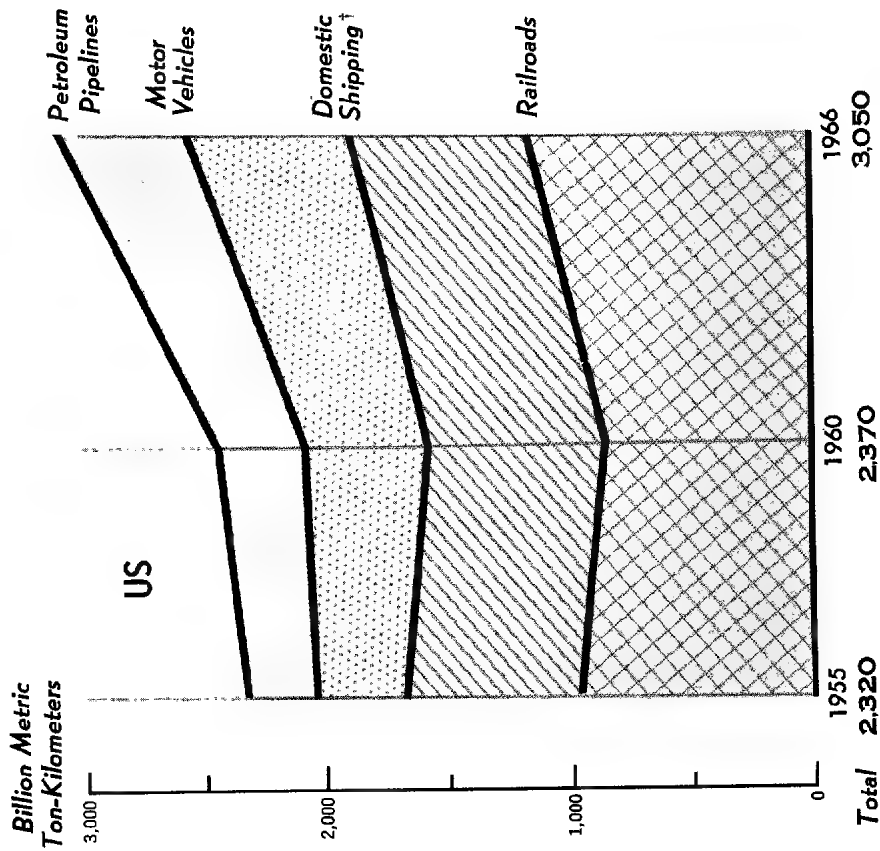
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Tabular Graphic

# Domestic Transport Performance in the US and the USSR, 1955, 1960, and 1966

TABLE 167

	BILLION METRIC TON - KILOMETERS			
	US		USSR	
CIVIL AIR	1955	1960	1955	1960
PETROLEUM PIPELINES	1	1	4	1
MOTOR VEHICLES	297	334	500	15
DOMESTIC SHIPPING†	366	473	675	43
RAILROADS	698	695	750	99
	956	863	1,120	138
				2,016



†Including inland waterway, coastal, and intercoastal freight traffic. The US includes Great Lakes freight traffic, and the USSR includes Caspian Sea freight traffic.

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Table 168

Domestic Transport Performance in Ton-Kilometers, in the US and the USSR  
1955 and 1960-66

	Billion Metric Ton-Kilometers							
	1955	1960	1961	1962	1963	1964	1965	1966
US.....	2,320*	2,370*	2,360	2,450*	2,560*	2,680*	2,860*	3,050*
Civil Air.....	1*	1*	2*	2*	2*	3*	3*	4*
Petroleum Pipelines.....	297*	334*	340*	347*	370*	392*	453*	500*
Motor Vehicles <sup>a</sup> .....	360*	473*	486*	509*	546*	575*	628*	675*
Domestic Shipping <sup>b</sup> .....	698*	695*	679*	693*	702*	714*	725*	750*
Railroads.....	956*	868*	851*	899*	940*	992*	1,052*	1,120*
USSR.....	1,130*	1,790*	1,880*	1,990*	2,120*	2,270*	2,420*	2,520*
Civil Air.....	Negl.*	1*	1*	1*	1*	1*	1*	1*
Petroleum Pipelines.....	15*	51*	60*	74*	91*	112*	147*	165*
Motor Vehicles.....	43*	99*	106*	112*	120*	132*	143*	154*
Domestic Shipping <sup>b</sup> .....	106*	138*	147*	152*	158*	168*	181*	186*
Railroads.....	971*	1,504*	1,567*	1,646*	1,749*	1,854*	1,950*	2,016*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Total traffic for all urban streets and rural roads. These data are partly estimated. The data differ from those presented in the previous *Handbook* because of a revision in the estimate of the relationship between intercity traffic and total traffic on urban streets and rural roads.<sup>b</sup> Including inland waterway, coastal, and intercoastal freight traffic. The US includes Great Lakes freight traffic, and the USSR includes Caspian Sea freight traffic. Data for the US differ from those in the previous *Handbook*, in which data included foreign trade within domestic waters and some double counting of coastwise traffic within domestic waters.

Table 169

Railroad Freight Traffic, in Ton-Kilometers \*  
1955 and 1960-66

	Billion Metric Ton-Kilometers							
	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	1,220*	1,140*	1,120*	1,170*	1,230*	1,300*	1,370*	1,440*
US <sup>c</sup> .....	955.66*	868.47*	850.52*	898.94*	939.73*	991.57*	1,052.40*	1,120.00*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	1,110*	1,690*	1,770*	1,860*	1,960*	2,080*	2,190*	2,260*
USSR.....	970.90*	1,504.30*	1,566.60*	1,646.30*	1,749.40*	1,854.10*	1,950.20*	2,016.00*
Eastern Europe.....	136*	187*	199*	209*	214*	230*	236*	243*
Bulgaria.....	4.12*	6.98*	7.45*	7.88*	8.57*	9.97*	10.78*	11.52*
Czechoslovakia.....	31.70*	47.41*	50.67*	52.22*	51.66*	55.40*	56.90*	57.49*
East Germany.....	25.22*	32.86*	34.73*	37.41*	37.59*	39.11*	38.86*	38.63*
Hungary <sup>d</sup> .....	8.80*	13.34*	13.86*	14.55*	15.37*	17.03*	17.28*	17.89*
Poland.....	51.97*	66.55*	69.69*	72.69*	74.43*	79.06*	81.01*	84.05*
Rumania.....	14.68*	19.82*	22.21*	24.42*	26.76*	29.39*	30.98*	33.21*
Far East								
North Korea.....	3.79*	9.10*	9.82*	9.86*	10.40*	10.53*	11.00	N.A.
North Vietnam.....	0.04*	0.70*	0.73*	0.70*	0.85*	0.93*	N.A.	N.A.
Other								
Albania.....	0.02*	0.05*	0.08*	0.08*	0.06*	0.09*	0.10*	0.12*
Yugoslavia <sup>e</sup> .....	11.58*	15.19*	14.94*	15.03*	17.34*	18.26*	18.04*	17.75*

## Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium....	6.68*	6.26*	6.20*	Italy <sup>o</sup> .....	14.68*	15.86*	15.70*	Portugal.....	0.72*	0.76*	0.68*
Canada <sup>o</sup> ....	96.62*	95.55*	138.85*	Luxembourg.	0.61*	0.64*	0.57*	Turkey.....	3.98*	4.33*	5.50*
Denmark <sup>f</sup> ..	1.22* <sup>o</sup>	1.44* <sup>o</sup>	1.40*	Netherlands <sup>l</sup> .	3.44*	3.41*	3.27*	UK <sup>o</sup> .....	34.92* <sup>o</sup>	30.50* <sup>o</sup>	24.10*
France.....	46.81*	56.93*	64.04*	Norway <sup>j</sup> ....	1.39* <sup>k</sup>	1.59* <sup>k</sup>	2.23*	West Germany.	49.10*	52.27*	57.03*
Greece <sup>o</sup> ....	0.30*	0.36*	0.58*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data exclude urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railways; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the US include express and mail and are specifically for revenue and nonrevenue freight traffic for a more realistic comparison with Soviet methods of reporting.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including secondary or private railroads operating as common carriers.

<sup>d</sup> Including performance of railroads owned jointly by Hungary and Austria.

<sup>e</sup> Including service traffic.

<sup>f</sup> Including mail and passenger baggage. Data are for the year beginning 1 April of the stated year.

<sup>g</sup> Including military and government traffic.

<sup>h</sup> Excluding livestock.

<sup>i</sup> Excluding express parcels.

<sup>j</sup> Including data for the Ofoten railroad.

<sup>k</sup> Data are for the year beginning 1 July of the previous year.

<sup>l</sup> Excluding data for Northern Ireland.

Table 170

Railroad Freight Traffic, in Tons Carried \*  
1955 and 1960-66

Million Metric Tons Carried

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	2,580*	2,470*	2,400*	2,430*	2,530*	2,640*	2,660*	N.A.*
US <sup>c</sup> .....	1,320.5*	1,180.5*	1,136.6*	1,173.5*	1,222.4*	1,288.4*	1,341.7*	1,400.0*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	2,000*	2,820*	2,960*	3,080*	3,180*	3,380*	3,520*	3,620*
USSR.....	1,267.0*	1,884.9*	1,987.6*	2,077.4*	2,158.0*	2,288.8*	2,415.3*	2,481.9*
Eastern Europe.....	737*	931*	976*	1,010*	1,020*	1,090*	1,100*	1,140*
Bulgaria.....	23.7*	38.4*	40.5*	40.4*	43.5*	51.5*	56.0*	61.0*
Czechoslovakia.....	140.2*	194.1*	205.7*	206.9*	202.0*	213.9*	218.5*	224.5*
East Germany.....	207.5*	237.8*	248.7*	259.8*	261.1*	267.0*	260.4*	262.1*
Hungary <sup>d</sup> .....	70.0*	95.9*	98.6*	101.3*	105.3*	114.0*	112.3*	118.3*
Poland.....	236.4*	286.9*	297.7*	305.7*	312.8*	331.8*	341.3*	349.8*
Rumania.....	59.0*	77.5*	85.3*	92.0*	99.6*	110.1*	114.4*	126.6*
Far East								
North Korea.....	16.8*	38.5*	40.8*	43.7*	46.0*	48.0*	50.0	N.A.
North Vietnam.....	0.4*	2.9*	3.1*	3.2*	3.9*	4.1*	N.A.	N.A.
Other								
Albania.....	0.4*	0.9*	1.2*	1.3*	1.1*	1.5*	1.7*	2.0*
Yugoslavia <sup>e</sup> .....	50.2*	65.2*	64.2*	63.6*	71.8*	76.5*	74.8*	72.0*

## Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium <sup>g</sup> .....	74.6*	64.1*	65.9*	Italy <sup>g</sup> .....	64.6*	67.9*	59.4*	Turkey.....	11.3*	13.4*	14.0*
Canada <sup>g</sup> .....	169.8*	161.1*	206.0*	Luxembourg..	17.6*	17.4*	16.4*	UK <sup>g</sup> .....	279.0*	253.1* <sup>h</sup>	232.4* <sup>h</sup>
Denmark <sup>g</sup> ...	8.5*	8.9*	8.6* <sup>i</sup>	Netherlands <sup>g</sup> ..	26.9*	27.3*	28.1*	West Ger-			
France.....	191.0*	227.0*	238.7*	Norway <sup>g</sup> .....	14.3*	18.6* <sup>g</sup>	24.5* <sup>g</sup>	many <sup>g</sup> <sup>i</sup> ...	391.5*	429.2*	420.0* <sup>i</sup>
Greece <sup>g</sup> .....	1.9*	2.2*	3.3*	Portugal.....	3.8*	3.7*	3.7*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data exclude urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railways; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade traffic carried through more than one country, however, is counted in each country. Data for the US are in tons originated, thus giving a more realistic comparison with European methods of reporting.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including secondary or private railroads operating as common carriers.

<sup>d</sup> Including performance of railroads owned jointly by Hungary and Austria.

<sup>e</sup> Including service traffic.

<sup>f</sup> Data for the government railroads are for 1965, and data for the private railroads are for 1964.

<sup>g</sup> Including data for the Ofoten railroad.

<sup>h</sup> Including data for Northern Ireland.

<sup>i</sup> Data include through consignments between private and government railroads.

Table 171

Motor Vehicle Freight Traffic, in Ton-Kilometers, in the US and the Communist Countries  
1955 and 1960-66

	Million Metric Ton-Kilometers							
	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>a</sup> .....	366,000*	473,000*	486,000*	509,000*	546,000*	575,000*	628,000*	675,000*
COMMUNIST COUNTRIES <sup>b</sup>								
USSR and Eastern Europe...	55,000*	116,000*	125,000*	133,000*	143,000*	157,000*	171,000*	185,000*
USSR.....	42,550*	98,520*	105,673*	111,896*	119,723*	132,115*	143,083*	154,000*
Eastern Europe.....	12,500*	17,400*	19,100*	21,300*	23,200*	25,100*	27,600*	31,100*
Bulgaria.....	735*	2,039*	2,316*	2,645*	2,716*	2,900*	3,800*	4,540*
Czechoslovakia.....	2,720*	5,108*	5,673*	6,055*	6,319*	6,625*	6,975*	7,332*
East Germany.....	3,194*	4,984*	5,269*	5,653*	6,200*	6,648*	7,212*	7,785*
Hungary.....	950*	1,580*	1,689*	1,850*	2,181*	2,397*	2,634*	2,980*
Poland.....	3,700*	2,058*	2,268*	2,631*	3,046*	3,355*	3,682*	4,486*
Rumania.....	1,200*	1,600*	1,914*	2,427*	2,775*	3,150*	3,270*	3,948*
Far East								
North Korea.....	138*	552*	565*	640*	670*	729*	765	N.A.
North Vietnam.....	4*	108*	132*	148*	164*	179*	N.A.	N.A.
Other								
Albania.....	93* <sup>c</sup>	328*	378*	397*	388*	423*	467*	514*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Total traffic for all urban streets and rural roads. These data are partly estimated. The data differ from those presented in the previous *Handbook* because of a revision in the estimate of the relationship between intercity traffic and total traffic on urban streets and rural roads.

<sup>b</sup> Data include traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

<sup>c</sup> Performance by public carriers only.

Table 172

Motor Vehicle Freight Traffic, \* in Tons Carried, in the Communist Countries  
1955 and 1960-66

	Million Metric Tons Carried							
	1955	1960	1961	1962	1963	1964	1965	1966
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	4,520*	9,670*	10,200*	10,600*	11,000*	11,900*	12,600*	13,500*
USSR.....	3,730.0*	8,492.7*	8,922.6*	9,122.1*	9,444.4*	10,240.3*	10,746.0*	11,579.0*
Eastern Europe.....	795*	1,180*	1,320*	1,440*	1,520*	1,670*	1,810*	1,970*
Bulgaria.....	37.8*	128.3*	158.4*	180.9*	217.1*	258.7*	281.0*	282.5*
Czechoslovakia.....	222.5*	428.4*	481.1*	511.7*	492.2*	540.0*	577.7*	611.0*
East Germany.....	169.1*	270.3*	286.7*	306.3*	320.2*	335.9*	345.8*	358.0*
Hungary.....	59.6*	121.5*	128.0*	134.5*	141.2*	148.3*	192.0*	214.2*
Poland.....	273.0*	109.4*	126.2*	145.8*	161.4*	176.6*	191.5*	238.7*
Rumania.....	33.0*	123.0*	143.4*	161.8*	185.0*	210.0*	218.0*	263.2*
<b>Far East</b>								
North Korea.....	8.8*	78.6*	75.0*	90.0*	93.0*	110.6*	116.0	N.A.
North Vietnam.....	0.1*	5.0*	5.9*	6.5*	6.7*	7.2*	N.A.	N.A.
<b>Other</b>								
Albania.....	3.3* <sup>b</sup>	10.3*	13.1*	14.4*	14.9*	15.9*	17.3*	19.0*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data include traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

<sup>b</sup> Performance by public carriers only.

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Table 173

Inland Water Freight Traffic, in Ton-Kilometers  
1955 and 1960-66

Million Metric Ton-Kilometers

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>a</sup> .....	200,000*	253,000*	257,000*	271,000*	279,000*	293,000*	308,000*	N.A.*
US <sup>b</sup> .....	142,584*	176,343*	179,412*	194,235*	202,763*	210,606*	222,000*	238,000*
COMMUNIST COUNTRIES <sup>c</sup>								
USSR and Eastern Europe...	74,000*	108,000*	114,000*	118,000*	123,000*	134,000*	144,000*	149,000*
USSR.....	67,748*	99,602*	105,964*	109,862*	114,493*	124,479*	133,928*	137,600*
Eastern Europe.....	6,210*	7,910*	7,780*	7,970*	8,240*	9,260*	9,740*	11,100*
Bulgaria.....	372*	615*	585*	622*	662*	852*	1,062*	1,184*
Czechoslovakia.....	1,485*	1,962*	1,899*	1,975*	1,915*	2,170*	2,172*	2,325*
East Germany.....	2,168*	2,252*	2,202*	2,162*	2,003*	2,138*	2,196*	2,582*
Hungary.....	765*	1,308*	1,311*	1,377*	1,509*	1,586*	1,682*	2,284*
Poland.....	775*	904*	855*	822*	1,026*	1,248*	1,409*	1,663*
Rumania.....	648*	865*	927*	1,011*	1,129*	1,271*	1,222*	1,039*
Far East <sup>c</sup>								
North Vietnam.....	4*	314*	359*	380*	448*	490*	N.A.*	N.A.*
Other								
Yugoslavia.....	2,106*	3,272*	3,037*	3,194*	3,518*	4,282*	4,354*	N.A.*

Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium.....	4,617*	5,226*	5,498*	Netherlands..	15,255*	20,020*	24,070*	West Ger-			
France.....	8,917*	10,773*	12,510*	UK.....	300*	276*	217*	many..	28,624*	40,390*	43,308*
Luxembourg <sup>d</sup> ..	0*	0*	32* <sup>e</sup>								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Traffic on all US waters except on the Great Lakes—that is, including not only internal, intraport, and local traffic but also coastwise and foreign trade traffic within US waters. For 1964 it has been calculated that coastwise and foreign trade traffic within US waters together amounted to about 60 billion metric ton-kilometers. In the same year traffic on the Great Lakes amounted to 107 billion metric ton-kilometers of domestic trade and 47 billion metric ton-kilometers of US foreign trade.

<sup>c</sup> Data for North Korea are included with ocean freight traffic in Table 175, p. 171.

<sup>d</sup> Traffic began in June 1964.

<sup>e</sup> Data are for June-December 1964 and are included in NATO total for 1965.

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Table 174

Inland Water Freight Traffic, in Tons Carried  
1955 and 1960-66

Million Metric Tons Carried

	1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES <sup>a</sup> .....	694*	821*	825*	855*	864*	954*	1,000*	N.A.*			
US <sup>b</sup> .....	328.91*	358.56*	351.97*	379.51*	390.89*	415.03*	428.63*	450.00*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	163*	235*	248*	255*	265*	280*	298*	310*			
USSR.....	139.49*	210.32*	223.95*	230.33*	239.47*	252.32*	269.44*	279.00*			
Eastern Europe.....	23.3*	25.0*	24.3*	24.6*	25.1*	27.8*	28.6*	30.8*			
Bulgaria.....	0.92*	1.56*	1.53*	1.60*	1.61*	1.99*	2.32*	2.43*			
Czechoslovakia.....	2.84*	3.53*	3.75*	3.92*	4.06*	4.50*	4.06*	4.35*			
East Germany.....	12.90*	12.63*	11.94*	11.40*	10.98*	12.02*	12.10*	12.37*			
Hungary.....	1.75*	2.39*	2.36*	2.46*	2.41*	2.47*	2.58*	3.18*			
Poland.....	3.32*	2.95*	2.76*	3.05*	3.40*	3.97*	4.68*	5.30*			
Rumania.....	1.60*	1.91*	1.96*	2.21*	2.65*	2.89*	2.87*	3.15*			
Far East											
North Vietnam.....	0.05*	4.84*	5.51*	5.95*	6.56*	7.01*	N.A.*	N.A.*			
Other											
Yugoslavia.....	6.16*	10.04*	9.93*	9.52*	10.83*	12.65*	12.81*	N.A.*			
Other NATO Countries											
	1955	1960	1965	1955	1960	1965	1955	1960	1965		
Belgium..	56.84*	61.16*	77.03*	Luxembourg <sup>c</sup> ..	0*	0*	3.42*	UK.....	10.64*	9.78*	8.54*
France...	58.25*	68.05*	89.76*	Netherlands..	112.27*	149.67*	193.99*	West Germany..	124.61*	171.36*	195.69*
Italy.....	2.26*	2.54*	2.78*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>b</sup> Inland, intraport, and local water traffic, excluding Great Lakes traffic.<sup>c</sup> Traffic began in June 1964.

Table 175

Ocean Freight Traffic, \* in Ton-Kilometers, in the Communist Countries  
1955 and 1960-66

	Million Metric Ton-Kilometers							
	1955	1960	1961	1962	1963	1964	1965	1966
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	89,200*	186,000*	225,000*	246,000*	313,000*	404,000*	502,000*	575,000*
USSR <sup>b</sup> .....	68,900*	131,500*	159,100*	173,400*	226,300*	297,600*	388,800*	442,200*
Eastern Europe.....	20,300*	54,500*	65,500*	73,000*	86,800*	106,000*	113,000*	130,000*
Bulgaria <sup>c</sup> .....	919*	2,540*	2,739*	3,475*	5,443*	8,642*	9,064*	13,213*
Czechoslovakia.....	2,272*	7,472*	6,345*	5,267*	5,493*	8,395*	8,261*	7,000*
East Germany <sup>c</sup> .....	480*	10,518*	11,353*	14,303*	20,435*	26,990*	30,204*	32,804*
Hungary.....	82*	230*	280*	244*	323*	351*	338*	460*
Poland <sup>c d</sup> .....	15,806*	32,696*	42,596*	46,364*	49,863*	55,222*	56,509*	62,807*
Rumania.....	712*	1,065*	2,163*	3,365*	5,209*	6,856*	8,368*	13,336*
<b>Far East</b>								
Communist China <sup>e</sup> .....	10,190	31,500	21,600	27,000	29,700	N.A.	N.A.	N.A.
North Korea <sup>f</sup> .....	23*	135*	165*	206*	219*	257*	283	N.A.
North Vietnam <sup>g</sup> .....	4*	68*	84*	95*	142*	156	N.A.	N.A.
<b>Other</b>								
Albania <sup>h</sup> .....	18*	269*	711*	1,378*	1,500*	1,500*	N.A.	N.A.

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for international seaborne shipping and include the performance of ships of less than 1,000 gross register tons (GRT).

<sup>b</sup> Including Caspian Sea, Danube River, and domestic coastal and intercoastal traffic.

<sup>c</sup> Including coastal traffic.

<sup>d</sup> Possibly excluding the performance of some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1966, there were 16 of these ships, totaling 129,900 GRT.

<sup>e</sup> Coastal traffic only, carried in Chinese and chartered foreign ships.

<sup>f</sup> Including both modern coastal and inland water traffic.

<sup>g</sup> Coastal traffic only.

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Table 176

Air Passenger Traffic, in Passenger-Kilometers, in the US and the USSR  
1955 and 1960-66

Billion Passenger-Kilometers

	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>a</sup> .....	39.19*	62.54*	64.10*	70.43*	81.05*	94.14*	110.52*	128.57*
USSR.....	2.80*	12.10*	16.40*	20.30*	25.30*	30.90*	38.10*	44.90*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Revenue passenger-kilometers flown on scheduled service of certificated route air carriers.

Table 177

Civil Airfreight Traffic, <sup>a</sup> in Ton-Kilometers, in the US and the USSR  
1955 and 1960-66

Million Metric Ton-Kilometers

	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>b</sup> .....	842*	1,377*	1,596*	1,910*	2,123*	2,557*	3,363*	4,235*
USSR.....	252*	563*	802*	890*	910*	1,141*	1,338*	1,460*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Express, freight, and mail traffic.<sup>b</sup> Revenue ton-kilometers flown on scheduled service of certificated route air carriers.

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Table 178

Petroleum Pipeline Transportation, in Ton-Kilometers, in the US and the Communist Countries  
1955 and 1960-66

	Billion Metric Ton-Kilometers							
	1955	1960	1961	1962	1963	1964	1965	1966
US.....	296.7*	333.8*	340.4*	347.1*	370.0*	392.2*	452.8*	485.0*
COMMUNIST COUNTRIES <sup>a</sup>								
USSR.....	14.7*	51.2*	60.0*	74.5*	90.9*	112.1*	146.7*	164.9*
Rumania.....	0.4*	1.0*	0.9*	1.0*	1.1*	1.0*	1.1*	1.1*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Excluding traffic on the Friendship Pipeline in Czechoslovakia, Poland, East Germany, and Hungary.

Table 179

Petroleum Pipeline Transportation, in Tons Carried, in the US and the Communist Countries  
1955 and 1960-66

	Million Metric Tons Carried							
	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>a</sup> .....	347.8*	414.7*	434.9*	454.6*	479.3*	517.4*	554.9*	600.0*
COMMUNIST COUNTRIES <sup>b</sup>								
USSR.....	51.7*	129.9*	144.0*	165.1*	185.5*	213.0*	225.7*	247.7*
Rumania.....	2.0*	5.6*	5.3*	7.0*	7.3*	7.2*	7.4*	7.8*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are for tons originated, thus giving a more realistic comparison with the Communist countries.

<sup>b</sup> Excluding traffic on the Friendship Pipeline in Czechoslovakia, Poland, East Germany, and Hungary.

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Table 180

Construction of Maritime Cargo Ships \* in Selected Communist Countries  
1955 and 1960 GG

	1955	1960	1961	1962	1963	1964	1965	1966
	Thousand Gross Register Tons							
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	98.2	382	318	416	460	503	566	624
USSR.....	0	58.4	66.9	116.6	149.9	142.8	155.4	170.2
Eastern Europe.....	98.2	324	252	300	310	360	411	454
Bulgaria.....	0	4.1	0.6	2.2	6.7	9.8	10.3	10.3
East Germany.....	16.3	123.0	80.2	98.9	95.1	108.8	144.3	165.8
Hungary.....	10.8	20.7	13.0	13.0	15.1	16.3	15.1	15.1
Poland.....	71.1	166.7	143.3	170.0	178.8	203.1	218.5	246.5
Rumania.....	0	9.6	14.4	15.6	14.6	22.1	22.8	16.6
Far East								
Communist China.....	0	15.1	9.5	14.3	0	23.7	8.6	0
	Units							
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	50	112	85	91	94	95	115	120
USSR.....	0	10	8	15	21	21	25	24
Eastern Europe.....	50	102	77	76	73	74	90	96
Bulgaria.....	0	3	2	2	2	2	4	4
East Germany.....	5	39	20	28	22	18	32	38
Hungary.....	9	16	10	10	12	13	12	12
Poland.....	36	40	39	31	32	34	33	37
Rumania.....	0	4	6	5	5	7	9	5
Far East								
Communist China.....	0	5	3	2	0	4	1	0

\* Data are for oceangoing cargo ships of 1,000 gross register tons or more completed during the year and exclude miscellaneous auxiliary ships, harbor craft, and small coastal ships.

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Table 181

Construction of Maritime Tankers \* in Selected Communist Countries  
1955 and 1960-66

	1955	1960	1961	1962	1963	1964	1965	1966
Thousand Gross Register Tons								
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	97.8	112	76.7	91.9	119	175	188	221
USSR .....	97.8	95.9	48.4	50.8	81.3	152.2	167.5	200.3
Eastern Europe .....	0	15.7	28.3	41.1	38.0	23.0	20.9	20.9
Bulgaria .....	0	11.5	11.5	11.5	11.5	23.0	7.6	7.6
East Germany .....	0	4.2	0	0	0	0	0	0
Poland .....	0	0	16.8	29.6	26.5	0	13.3	13.3
Far East								
Communist China .....	0	3.3	0	0	0	0	4.7	10.3
Units								
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	24	19	14	11	8	13	11	12
USSR .....	24	13	7	3	3	7	8	9
Eastern Europe .....	0	6	7	8	5	6	3	3
Bulgaria .....	0	3	3	3	3	6	2	2
East Germany .....	0	3	0	0	0	0	0	0
Poland .....	0	0	4	5	2	0	1	1
Far East								
Communist China .....	0	1	0	0	0	0	2	4

\* Data are for oceangoing tankers of 1,000 gross register tons or more completed during the year and exclude miscellaneous auxiliary ships, harbor craft, and small coastal ships.

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Table 182

Construction of Fishing Ships in Selected Communist Countries \*  
1955 and 1960-66

	1955	1960	1961	1962	1963	1964	1965	1966
	Thousand Gross Register Tons							
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	53.9	187	183	176	202	258	327	318
USSR.....	20.5	77.2	120.5	107.2	125.6	148.7	190.6	180.2
Eastern Europe.....	33.4	109	62.8	69.3	76.1	109	137	137
East Germany.....	18.1	46.3	20.8	39.1	44.3	59.7	68.2	76.5
Poland.....	15.3	63.1	42.0	30.2	31.8	49.5	68.6	60.9
	Units							
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	N.A.	162	72	80	95	125	139	137
USSR.....	N.A.	30	36	41	54	83	89	89
Eastern Europe.....	56	132	36	39	41	42	50	48
East Germany.....	27	93	10	20	22	24	32	35
Poland.....	29	39	26	19	19	18	18	13

\* Only countries in which domestic construction is a significant percentage of overall construction are listed. Data are for large fishing ships and exclude small fishing boats, sciners, and miscellaneous boats.

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Table 183

Production of Mainline Locomotives \* in Selected NATO and Communist Countries  
1955 and 1960-66

	Units							
	1955	1960	1961	1962	1963	1964	1965	1966
<b>NATO COUNTRIES</b>								
US <sup>b</sup> .....	1,381*	886*	979*	1,353*	1,335*	1,435*	1,793*	1,800*
Canada <sup>c</sup> .....	362*	172*	43*	29*	159*	169*	N.A.*	N.A.*
France.....	284*	311*	298*	312*	318*	270*	293*	244*
Italy <sup>d</sup> <sup>e</sup> .....	88*	150*	216*	182*	104*	137*	141*	156*
UK <sup>f</sup> .....	760* <sup>g</sup>	1,181*	880*	806*	701*	695*	719*	467*
West Germany.....	900* <sup>h</sup>	1,231*	980*	1,213*	1,118*	1,110*	947*	767*
<b>COMMUNIST COUNTRIES</b>								
<b>USSR and Eastern Europe</b>								
USSR.....	328*	1,699*	2,012*	2,100*	2,162*	2,122*	2,126*	2,129*
<b>Eastern Europe</b>								
Czechoslovakia.....	10*	172*	198*	193*	244*	246*	269	231
East Germany.....	0	2	3	67	76	89	86	94
Hungary <sup>d</sup> <sup>i</sup> .....	0*	0*	8*	22*	17*	12*	17*	22
Poland <sup>d</sup> <sup>i</sup> .....	7*	38*	47*	49*	44*	66*	72*	80*
Rumania <sup>k</sup> .....	0*	10*	8*	35*	59*	85*	110*	125*
<b>Far East</b>								
Communist China.....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	50 to 60 <sup>j</sup>	100+ <sup>j</sup>
North Korea <sup>d</sup> .....	0	0	4	6*	15*	36	46	58

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for diesel, diesel-electric, and electric railroad locomotives of 1,000 horsepower or more. Because of the lack of consistency, totals for the NATO and the Communist countries have been omitted. For data on diesel and electric locomotives, see Table 184, p. 178, and Table 185, p. 179.

<sup>b</sup> Data are for locomotive units, delivered domestically and exported, that are substantially new but also may include a limited amount of used equipment.

<sup>c</sup> Shipments.

<sup>d</sup> Electric locomotives only.

<sup>e</sup> Production for the government only. Data include rail motor vehicles.

<sup>f</sup> Except for 1955, data are for locomotives added to the operating stock by the British Railways and the London Transport Boards and for those exported. Data for production are no longer available.

<sup>g</sup> Diesel locomotives only.

<sup>h</sup> Excluding data for the Saar.

<sup>i</sup> Excluding narrow-gauge locomotives.

<sup>j</sup> Diesel and steam locomotives only.

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Table 184

Production of Mainline Diesel Locomotives <sup>a</sup> in Selected NATO and Communist Countries  
1955 and 1960-66

	Units							
	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES								
US <sup>b</sup> .....	1,371*	885*	954*	1,326*	1,322*	1,435*	1,793*	1,800*
France.....	172*	143*	170*	180*	204*	178*	209*	173*
UK <sup>c</sup> .....	760*	1,007*	788*	686*	648*	624*	565*	304*
West Germany.....	842* <sup>d</sup>	1,110*	738*	902*	816*	789*	681*	556*
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	134*	1,303*	1,455*	1,483*	1,519*	1,484*	1,485*	1,529*
Eastern Europe								
Czechoslovakia.....	0*	3*	0*	4*	32*	19*	25	35
East Germany.....	0	2	1	7	16	35	26	30
Rumania.....	0*	10*	8*	35*	59*	85*	110*	125*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including diesel and diesel-electric locomotives of 1,000 horsepower or more.<sup>b</sup> Data are for locomotive units, delivered domestically and exported, that are substantially new but also may include a limited amount of used equipment.<sup>c</sup> Except for 1955, data are for diesel and diesel-electric locomotives added to the operating stock by the British Railways and the London Transport Boards and for those exported. Data for production are no longer available.<sup>d</sup> Excluding data for the Saar.

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TRANSPORTATION

Table 185

Production of Mainline Electric Locomotives in Selected NATO and Communist Countries <sup>a</sup>  
1955 and 1960-66

	Units							
	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES								
US.....	10*	1*	25*	27*	13*	0*	0*	0*
France.....	112*	168*	128*	132*	114*	92*	84*	71*
Italy <sup>b</sup> .....	88*	150*	216*	182*	104*	137*	141*	156*
UK <sup>c</sup> .....	N.A.*	174*	92*	120*	53*	71*	154*	163*
West Germany.....	58* <sup>d</sup>	121*	242*	311*	302*	321*	266*	211*
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	194*	396*	557*	617*	643*	638*	641*	600*
Eastern Europe								
Czechoslovakia.....	10*	169*	198*	189*	212*	227*	244*	196*
East Germany.....	0	0	2	60	60	54	60	64
Hungary <sup>e</sup> .....	0*	0*	8*	22*	17*	12*	17*	22
Poland <sup>e</sup> .....	7*	38*	47*	49*	44*	66*	72*	80*
Far East								
North Korea.....	0	0	4	6*	15*	36	46	58

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for electric locomotives of 1,000 horsepower or more.

<sup>b</sup> Data are for the production of government railroads. Data include rail motor vehicles.

<sup>c</sup> Except for 1955, data are for electric locomotives added to the operating stock by the British Railways and the London Transport Boards and for those exported. Data for production are no longer available.

<sup>d</sup> Excluding data for the Saar.

<sup>e</sup> Excluding narrow-gauge locomotives.

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Table 186

Production of Railroad Freight Cars \*  
1955 and 1960-66

Thousand Units

	1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES <sup>b</sup> .....	133*	86.1*	67.9*	78.8*	77.3*	112*	122*	122*			
US <sup>c</sup> .....	42.04*	57.31*	31.86*	36.56*	44.97*	69.07*	77.88*	90.19*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	58.8*	64.9*	64.6*	65.8*	67.8*	72.9*	72.9*	75.0			
USSR.....	34.40*	36.40*	35.00*	35.70*	37.20*	39.50*	39.60*	40.10*			
Eastern Europe.....	24.4*	28.5*	29.6*	30.1*	30.6*	33.4*	33.3*	34.9			
Bulgaria.....	0.99*	2.01*	1.17*	1.55*	1.63*	1.39*	1.58*	1.93*			
Czechoslovakia.....	5.55*	5.15*	6.52*	4.60*	5.58*	5.09*	4.14*	3.50			
East Germany.....	4.00*	2.38*	1.90*	2.26*	2.60*	2.33*	2.17*	2.35			
Hungary.....	0.57*	0.45*	0.38*	0.41*	0.10*	0.58*	0.54*	0.56*			
Poland.....	11.92*	13.89*	13.54*	15.49*	15.54*	15.66*	16.29*	16.60*			
Rumania.....	1.37*	4.62*	0.04*	5.77*	5.12*	8.32*	8.58*	10.00			
Far East											
Communist China.....	9.26*	23.00	2.00	1.00	1.90	2.50	3.40	4.40			
North Korea.....	0*	0.64*	1.60*	1.00*	1.24*	1.50*	1.60	1.75			
Other											
Yugoslavia.....	0.48*	3.42*	2.35*	2.85*	2.76*	3.49*	4.85*	4.24*			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Canada <sup>e</sup> .....	3.74*	2.51*	4.35* <sup>d</sup>	Italy.....	0.04*	3.15*	6.10*	West Germany.	14.70* <sup>f</sup>	6.63*	6.80*
France.....	8.43*	7.93*	11.84*	UK <sup>e</sup> .....	63.86*	8.52*	2.60*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Units of two, four, or more axles. The majority of the production now consists of four-axle units.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Shipments.<sup>d</sup> Data are for 1964 and are included in the NATO totals for 1965-66.<sup>e</sup> Except for 1955, data are for the freight cars added to the operating stock by the British Railways and the London Transport Boards and for those exported. Data for production are no longer available.<sup>f</sup> Excluding data for the Saar.

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Table 187

Production of Passenger Automobiles  
1955 and 1960-66

Thousand Units											
	1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES <sup>a</sup> .....	10,700*	11,900*	10,500*	12,700*	14,800*	15,300*	17,100*	17,000*			
US <sup>b</sup> .....	7,920.2*	6,674.8*	5,542.7*	6,933.2*	7,637.7*	7,751.8*	9,035.6*	8,604.7*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	146*	275*	296*	325*	339*	347*	415*	470*			
USSR.....	107.8*	138.8*	148.9*	165.9*	173.1*	185.2*	201.2*	230.2*			
Eastern Europe.....	38.7*	136*	148*	159*	166*	162*	214*	240*			
Czechoslovakia.....	12.5*	56.2*	58.8*	64.3*	56.5*	42.1*	77.7*	92.7*			
East Germany.....	22.2*	64.1*	69.6*	72.2*	84.3*	93.1*	102.9*	112.0*			
Poland.....	4.0*	12.9*	14.4*	16.1*	18.3*	20.6*	26.4*	29.2*			
Rumania <sup>c</sup> .....	<i>Negl.*</i>	3.0*	4.7*	6.3*	6.4*	6.1*	7.0*	6.3*			
Other											
Yugoslavia <sup>d</sup> .....	0.8*	10.5*	15.0*	13.1*	20.9*	27.9*	35.9*	35.3*			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Belgium <sup>e</sup> ..	<i>N.A.*</i>	<i>N.A.*</i>	170.3*	Italy <sup>f</sup> ....	231.0*	595.9*	1,282.4*	UK.....	897.6*	1,352.7*	1,603.7*
Canada....	374.6*	325.8*	701.7*	Nether-				West Ger-			
France....	553.3*	1,135.2*	1,752.2*	lands....	<i>Negl.*</i>	15.2*	32.7*	many... 762.2* <sup>g</sup>	1,816.8*	2,830.1* <sup>h</sup>	
Other Free World Countries											
	1955	1960	1966								
Japan.....	20.3*	165.1*	877.8*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data include complete units exported for assembly.

<sup>b</sup> Factory sales.

<sup>c</sup> Including jeeps.

<sup>d</sup> Including vehicles assembled from imported parts.

<sup>e</sup> Including data for Luxembourg.

<sup>f</sup> Excluding production for the armed forces.

<sup>g</sup> Excluding data for the Saar.

<sup>h</sup> Including data for West Berlin, for which separate data are not available.

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Table 188

Production of Trucks and Buses <sup>a</sup>  
1955 and 1960-66

Thousand Units											
	1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES <sup>b</sup> .....	2,030*	2,250*	2,190*	2,290*	2,560*	2,710*	2,920*	2,980*			
US <sup>c</sup> .....	1,249.1*	1,194.5*	1,133.8*	1,240.2*	1,462.7*	1,540.5*	1,751.8*	1,731.2*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	387*	454*	477*	481*	494*	500*	506*	543			
USSR.....	337.5*	384.8*	406.4*	411.5*	413.9*	417.9*	415.1*	445.1*			
Eastern Europe.....	49.1*	69.5*	70.5*	69.6*	79.8*	82.3*	90.8*	98.3			
Czechoslovakia <sup>d</sup> .....	14.0*	18.7*	18.0*	18.2*	15.6*	14.0*	18.6*	18.0*			
East Germany <sup>e</sup> .....	14.2*	12.9*	11.9*	8.0*	10.1*	11.8*	15.2*	17.5			
Hungary <sup>d</sup> .....	5.4*	4.8*	5.4*	6.0*	6.1*	6.2*	7.1*	8.0*			
Poland <sup>d</sup> .....	12.5*	24.0*	24.5*	28.7*	34.2*	34.3*	34.1*	37.8*			
Rumania.....	3.0*	9.1*	10.1*	8.7*	13.8*	16.0*	15.8*	17.0			
Far East											
Communist China.....	Negl.	17.4	2.7	8.0	13.7	17.7	28.0	36.0			
North Korea.....	0*	3.1*	3.3*	4.5*	4.0*	3.8	6.8	8.0			
Other											
Yugoslavia <sup>d f</sup> .....	2.7*	5.5*	6.3*	8.6*	9.8*	11.4*	11.9*	11.2*			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Belgium <sup>g</sup> .....	0.4* <sup>h</sup>	0.5*	31.3*	Italy <sup>i</sup> .....	38.4*	48.9*	83.5*	UK.....	339.5*	458.0*	438.7*
Canada... ..	77.5*	72.0*	200.4*	Netherlands... ..	1.9*	4.1*	7.2*	West Germany..	146.4* <sup>j</sup>	237.9*	220.7* <sup>j</sup>
France... ..	171.8*	233.6*	262.7*								
Other Free World Countries											
	1955	1960	1966								
Japan.....	134.7*	595.2*	1,440.6*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data include complete units exported for assembly.<sup>c</sup> Factory sales.<sup>d</sup> Excluding wheeled tractors.<sup>e</sup> Trucks only.<sup>f</sup> Excluding production for the armed forces.<sup>g</sup> Including data for Luxembourg.<sup>h</sup> Data are for 1956 and are included in the NATO total for 1955.<sup>i</sup> Excluding data for the Saar.<sup>j</sup> Including data for West Berlin, for which separate data are not available.

Table 189

Inventory of Civil Aircraft \* in the US and the USSR  
1955 and 1960-66

	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>b</sup>								
Total airliners.....	1,620*	2,110*	2,080*	2,020*	2,010*	2,020*	2,070*	2,230*
Jet.....	0*	202*	319*	397*	432*	564*	725*	1,006*
Turboprop.....	8*	230*	261*	262*	267*	276*	312*	372*
Piston.....	1,613*	1,678*	1,501*	1,366*	1,307*	1,183*	1,037*	849*
Transport helicopters.....	20*	25*	19*	20*	20*	20*	21*	21*
USSR								
Total airliners.....	1,660	1,870	1,940	1,940	1,810	1,980	2,120	1,990
Jet.....	75	190	200	220	220	220	230	230
Turboprop.....	40	180	270	380	440	510	560	660
Piston.....	1,550	1,500	1,470	1,340	1,150	1,250	1,330	1,100
Transport helicopters.....	40	225	300	240	270	370	630 °	700

\* An asterisk indicates that the data are unclassified.

° Data are as of the end of the year and exclude light aircraft.

<sup>b</sup> Data differ from those presented in the previous *Handbook*, which included aircraft in operations of certificated route air carriers. In order to present a more realistic comparison between the US and the USSR, US data have been revised to include all aircraft that perform commercial for-hire operations, and to exclude light aircraft and helicopters. In the US, there are more than 1,400 multi-engine aircraft of more than 2,000 horsepower, which are operated by private corporations and individuals. The USSR has no counterpart.

° The large increase in the inventory shown for helicopters from 1964 to 1965 is probably due to inadequate intelligence reporting of the helicopter inventory before 1965, rather than to any absolute increase of this magnitude.

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Table 190

Inventory of Locomotives <sup>a</sup>  
1955 and 1960-66

Units

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES <sup>b</sup> .....	89,900*	79,800*	77,900*	74,500*	72,700*	70,000*	67,500*	N.A.*
US <sup>c</sup> d.....	33,502*	31,178*	30,889*	30,701*	30,506*	30,296*	30,061*	29,900*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	58,000*	57,400*	55,500*	53,600*	52,100*	51,800*	51,100*	50,900*
USSR.....	34,800*	34,200*	32,400*	30,200*	28,500*	27,500*	26,800*	26,500*
Eastern Europe.....	23,200*	23,200*	23,100*	23,400*	23,600*	24,300*	24,300*	24,400*
Bulgaria.....	604*	635*	645*	682*	732*	732*	730*	730*
Czechoslovakia.....	5,134*	5,230*	5,143*	5,302*	5,382*	5,520*	5,520*	5,520*
East Germany.....	6,476*	6,023*	5,980*	5,980*	5,985*	5,985*	5,985*	6,075*
Hungary.....	2,322*	2,460*	2,500*	2,542*	2,575*	2,626*	2,626*	2,626*
Poland.....	5,600*	5,800*	5,838*	5,888*	5,922*	6,334*	6,334*	6,334*
Rumania.....	3,048*	3,012*	3,014*	3,021*	3,052*	3,104*	3,124*	3,124*
Far East								
North Korea.....	N.A.	350	360	374	390	425	470	N.A.
North Vietnam.....	60	70	80	80	90	120	120	N.A.
Other								
Albania.....	7*	9*	9*	9*	9*	9*	9*	9*
Yugoslavia.....	2,335*	2,325*	2,375*	2,323*	2,294*	2,320*	2,284*	2,400*

## Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium.....	2,097*	1,494*	1,238*	Italy <sup>e</sup> .....	5,664*	5,282*	4,484* <sup>f</sup>	Turkey...	997*	983*	974*
Canada <sup>g</sup> .....	4,713*	3,752*	3,323*	Luxembourg.	130*	121*	85* <sup>h</sup>	UK <sup>g</sup> .....	18,564*	16,047* <sup>h</sup>	8,107* <sup>h</sup>
Denmark <sup>g</sup> ...	758* <sup>g</sup>	663*	633* <sup>i</sup>	Netherlands.	760*	684*	675*	West Ger-			
France.....	10,245*	7,903*	7,360*	Norway.....	533*	455*	332*	many...	11,268*	10,442*	9,592*
Greece.....	201*	231*	229* <sup>j</sup>	Portugal....	509*	457*	436* <sup>k</sup>				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for the state or principal railroad system and include diesel, diesel-electric, steam, and electric locomotives. Unless otherwise indicated, data are as of the end of the year.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Including secondary or private railroads operating as common carriers.<sup>d</sup> Including gas turbine locomotives.<sup>e</sup> As of 31 March of the stated year.<sup>f</sup> Data for government railroads are for 1965, and data for private railroads are for 1964.<sup>g</sup> Data are for 1964 and are included in the NATO total for 1965.<sup>h</sup> Including data for Northern Ireland.

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Table 191

Inventory of Railroad Freight Cars <sup>a</sup> in NATO and Communist Countries  
1955 and 1960-66

Thousand Units

	1955	1960	1961	1962	1963	1964	1965	1966
US <sup>b</sup> . . . . .	1,996.4*	1,965.5*	1,905.3*	1,850.7*	1,812.9*	1,796.1*	1,796.8*	1,826.2*
COMMUNIST COUNTRIES								
USSR <sup>d</sup> . . . . .	832.0*	949.0*	965.0*	980.0*	998.0*	1,015.0*	1,030.0*	1,044.0*
Bulgaria . . . . .	16.3*	22.8*	23.3*	27.1*	28.8*	30.5*	33.5*	36.5*
Czechoslovakia . . . . .	119.7*	134.0*	137.7*	141.0*	144.7*	146.1*	147.3*	152.2*
East Germany <sup>e</sup> . . . . .	144.7*	149.4*	148.9*	149.5*	154.0*	154.4*	157.0*	159.4*
Hungary <sup>e</sup> . . . . .	58.2*	62.0*	64.6*	66.8*	69.0*	70.9*	73.4*	75.5*
Poland <sup>e</sup> . . . . .	210.0*	249.0*	253.3*	257.5*	258.8*	261.3*	263.9*	266.6*
Rumania . . . . .	52.2*	55.5*	59.7*	61.7*	62.6*	65.6*	68.6*	71.9*
Communist China <sup>f</sup> . . . . .	73.8	131.9	132.1	130.0	129.0	129.0	129.5	131.0
North Korea <sup>f</sup> . . . . .	N.A.	10.4	10.8	11.7	12.8	14.2	15.5	N.A.
North Vietnam . . . . .	0.7	1.0	1.3	1.3	1.4	1.8	1.5 to 1.6	N.A.
Albania <sup>e</sup> . . . . .	0.2*	0.5*	0.7*	0.7*	0.7*	0.7*	0.9*	1.1*
Yugoslavia <sup>e</sup> . . . . .	67.1*	72.6*	73.4*	73.2*	72.2*	72.8*	72.4*	72.4*

## Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium . . .	76.5*	74.0*	60.3*	Italy <sup>e</sup> . . . . .	130.8*	133.7*	134.2* <sup>i</sup>	Portugal . . . . .	10.1*	10.2*	9.9* <sup>h</sup>
Canada <sup>e</sup> . . .	186.0*	196.6*	188.4*	Luxembourg . .	3.7*	3.6*	3.5* <sup>h</sup>	Turkey . . . . .	17.1*	17.2*	17.5*
Denmark . . .	14.0*	12.6*	11.7*	Netherlands . .	24.3*	22.2*	22.2*	UK <sup>e</sup> . . . . .	1,118.6*	956.0*	605.6*
France . . . .	377.1*	362.2*	369.3*	Norway . . . . .	12.6*	11.9*	11.0*	West Germany .	295.7*	309.6*	329.5*
Greece <sup>e</sup> . . .	5.1*	6.3*	5.7* <sup>h</sup>								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Units of two, four, or more axles. Unless otherwise indicated, data refer to both state and private ownership of cars used on the state or principal railroad system. Data are as of the end of the year. Because of the lack of comparability in data, totals for NATO and the Communist countries are omitted.<sup>b</sup> Units of four or more axles.<sup>c</sup> Including secondary or private railroads operating as common carriers.<sup>d</sup> In 1966, more than 90 percent of the freight cars had four or more axles, and these cars accounted for more than 95 percent of total freight-carrying capacity.<sup>e</sup> Excluding narrow-gauge rolling stock.<sup>f</sup> The majority are four-axle units.<sup>g</sup> Including government ownership of cars only.<sup>h</sup> Data are for 1964.<sup>i</sup> Data for government railroads are for 1965, and data for private railroads are for 1964.<sup>j</sup> Excluding privately owned tank cars.

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Table 192

Inventory of Civilian Trucks <sup>a</sup>  
1955 and 1960-66

Thousand Units

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES.....	14,700*	17,500*	18,200*	19,100*	20,000*	21,000*	22,000*	N.A.*
US <sup>b</sup> .....	9,800* <sup>c</sup>	11,353*	11,664*	12,158*	12,731*	13,319*	14,033*	14,746*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	1,540*	3,040*	3,180*	3,350*	3,480*	3,610*	3,740*	3,910*
USSR.....	1,275*	2,634*	2,741*	2,840*	2,932*	3,023*	3,104*	3,227*
Eastern Europe.....	263*	411*	439*	507*	550*	586*	633*	681*
Bulgaria.....	9*	20*	20*	20*	21*	22*	22*	26*
Czechoslovakia.....	62*	90*	95*	100*	110*	118*	122*	129*
East Germany.....	89*	115*	120*	155*	165*	177*	189*	196*
Hungary.....	18*	26*	28*	38*	40*	41*	42*	43*
Poland.....	73*	120*	132*	146*	164*	174*	200*	225*
Rumania.....	12*	40*	44*	48*	50*	54*	58*	62*
Far East								
Communist China.....	65	133	128	N.A.	N.A.	N.A.	N.A.	N.A.
North Korea.....	N.A.	20	23	26	30	31*	36*	N.A.
Other								
Albania.....	2*	3*	3*	4*	4*	4*	5*	5*
Yugoslavia.....	26*	51* <sup>d</sup>	46* <sup>d</sup>	54* <sup>d</sup>	59* <sup>d</sup>	67* <sup>d</sup>	78* <sup>d</sup>	82* <sup>d</sup>

## Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium <sup>e</sup> ...	144* <sup>f</sup>	167*	225*	Iceland.....	5*	6*	6* <sup>b</sup>	Portugal.....	45*	65*	83* <sup>i</sup>
Canada.....	900*	1,062*	1,219*	Italy.....	413*	612*	921*	Turkey.....	34*	57*	120* <sup>h</sup>
Denmark...	99*	166*	232* <sup>a</sup>	Luxembourg...	6*	8*	10*	UK <sup>j</sup> .....	1,145* <sup>d</sup>	1,442* <sup>d</sup>	1,710* <sup>k</sup>
France....	1,156*	1,597*	2,134*	Netherlands <sup>a</sup> ...	102*	158*	225*	West Germany <sup>k</sup> ...	632*	687*	947*
Greece.....	28* <sup>f</sup>	37*	58* <sup>b</sup>	Norway.....	80*	107*	125*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Excluding military trucks of all types. Unless otherwise indicated, data are as of the end of the year and include wheeled tractors for road haulage.<sup>b</sup> Data are for the number of registrations of privately owned trucks and include duplications when trucks are registered in more than one state. Farm trucks restricted to use in the vicinity of the farm are excluded.<sup>c</sup> Excluding data for Alaska and Hawaii.<sup>d</sup> As of 1 October of the stated year.<sup>e</sup> As of 1 August of the stated year.<sup>f</sup> Data are for 1956 and are included in the NATO total for 1955.<sup>g</sup> Excluding wheeled tractors.<sup>h</sup> Data are for 1964 and are included in the NATO total for 1965.<sup>i</sup> Data are for 1962 and are included in the NATO totals for 1963-65.<sup>j</sup> Including data for Northern Ireland.<sup>k</sup> As of 1 July of the stated year.

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Table 193  
Inventory of Merchant Fleet \*  
Selected Years, 1955-66

	1955		1960		1962		1964		1965		1966	
	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
NATO COUNTRIES <sup>b</sup> ...	10,000*	66,300*	10,800*	79,800*	10,600*	84,000*	10,300*	86,600*	9,940*	86,600*	9,720*	87,000*
US <sup>c</sup> .....	3,235*	24,819*	2,960*	23,870*	2,715*	22,580*	2,598*	22,149*	2,449*	21,203*	2,292*	20,104*
COMMUNIST COUNTRIES												
USSR and Eastern Europe.....	696	2,400	1,020	4,220	1,220	5,560	1,500	7,690	1,660	8,960	1,800	10,100
USSR <sup>d</sup> .....	605	2,041	829	3,283	960	4,200	1,175	5,960	1,284	6,906	1,378	7,694
Eastern Europe..	91*	361*	189*	932*	265*	1,360*	328*	1,730*	376*	2,060*	424*	2,400*
Bulgaria <sup>e</sup> .....	5*	12*	15*	46*	24*	113*	37*	192*	61*	381*	73*	444*
Czechoslovakia <sup>f</sup>	3*	17*	11*	85*	9*	64*	12*	93*	10*	74*	11*	97*
East Germany..	3*	8*	29*	174*	54*	315*	76*	471*	95*	593*	105*	649*
Hungary.....	3*	3*	8*	10*	10*	12*	13*	15*	16*	20*	18*	22*
Poland <sup>g</sup> .....	70*	290*	119*	585*	147*	756*	166*	863*	164*	865*	177*	977*
Rumania.....	7*	31*	7*	32*	21*	99*	24*	92*	30*	124*	40*	209*
Far East												
Communist												
China <sup>h</sup> .....	64	169	147	516	157	576	163	608	173	717	187	811
North Korea...	0*	0*	0*	0*	1*	2*	2*	3*	2*	3*	2*	4*
North Vietnam.	0	0	0	0	1	2	1	2	2	5	1	2
Other												
Albania <sup>i</sup> .....	N.A.	N.A.	4*	8*	7*	30*	8*	33*	8*	33*	9*	35*
Cuba <sup>j</sup> .....	9*	23*	28*	89*	28*	94*	33*	134*	29*	128*	40*	220*
Yugoslavia <sup>k</sup> ...	61*	245*	130*	617*	159*	845*	166*	884*	174*	933*	179*	1,061*
Other NATO Countries												
												Thousand GRT
	1955	1960	1966	1955	1960	1966	1955	1960	1966	1955	1960	1966
Belgium.....	432*	646*	759*	Iceland.....	38*	53*	66*	Portugal.....	434*	466*	466*	604*
Canada.....	357*	293*	265*	Italy.....	3,700*	4,758*	5,287*	Turkey.....	469*	603*	603*	568*
Denmark.....	1,512*	2,027*	2,535*	Netherlands....	3,211*	4,327*	4,397*	UK.....	17,482*	19,370*	19,370*	19,667*
France.....	3,635*	4,472*	4,895*	Norway.....	6,862*	10,708*	15,619*	West Germany..	2,166*	4,137*	4,137*	5,224*
Greece.....	1,187*	4,095*	7,017*									

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Ships of 1,000 gross register tons (GRT) or more. Unless otherwise indicated, data are as of the end of the year. Data for the NATO countries include all combination passenger and cargo ships, whereas those for the Communist countries exclude passenger ships that have small cargo capacities.

<sup>b</sup> Data are as of midyear.

<sup>c</sup> Excluding ships operating only on the Great Lakes.

<sup>d</sup> Excluding the Caspian Sea fleet.

<sup>e</sup> In some years, a few additional Bulgarian-owned ships were operated under the flags of Free World countries. At the end of 1966, three additional

Bulgarian-owned ships totaling 13,450 GRT were being operated under Greek and Ethiopian flags.

<sup>f</sup> In most years, an undetermined number of Czechoslovak-flag ships were jointly owned with Communist China.

<sup>g</sup> Including some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1966, there were 16 of these ships, totaling 129,900 GRT.

<sup>h</sup> Including coastal passenger ships.

<sup>i</sup> Except for 1960, data include an unknown number of ships jointly owned by the Chinese-Albanian Joint Stock Shipping Company.

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Table 194

Inventory of Tanker Fleet <sup>a</sup>  
Selected Years, 1955-66

	1955		1960		1962		1964		1965		1966	
	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
NATO COUNTRIES <sup>b</sup> ...	1,880*	17,800*	2,160*	25,400*	2,100*	27,700*	2,000*	29,700*	1,940*	30,600*	1,900*	31,400*
US <sup>c</sup> .....	426*	4,282*	428*	4,910*	409*	5,038*	368*	4,816*	351*	4,762*	328*	4,568*
COMMUNIST COUNTRIES												
USSR and Eastern Europe.....	75	370	140	923	173	1,300	208	2,000	235	2,440	257	2,770
USSR <sup>d</sup> .....	72	349	128	820	150	1,088	183	1,760	206	2,135	224	2,434
Eastern Europe...	3*	21*	12*	103*	23*	213*	25*	242*	29*	300*	33*	337*
Bulgaria.....	0*	0*	2*	10*	6*	41*	7*	55*	12*	118*	15*	147*
Czechoslovakia.	0*	0*	1*	13*	1*	13*	1*	13*	0*	0*	0*	0*
East Germany.	0*	0*	4*	33*	8*	69*	10*	94*	10*	94*	11*	102*
Poland.....	3*	21*	5*	47*	6*	65*	5*	55*	5*	63*	5*	63*
Rumania.....	0*	0*	0*	0*	2*	25*	2*	25*	2*	25*	2*	25*
Far East												
Communist												
China.....	N.A.	N.A.	11	22	13	40	14	50	17	88	22	104
Other												
Cuba <sup>e</sup> .....	1*	1*	2*	3*	1*	1*	2*	5*	2*	5*	2*	5*
Yugoslavia <sup>f</sup> ...	2*	14*	6*	40*	9*	68*	11*	64*	11*	64*	12*	85*
Other NATO Countries												
	1955	1960	1966		1955	1960	1966		1955	1960	1966	
Belgium.....	80*	157*	257*	Iceland.....	0*	12*	14*	Portugal.....	70*	121*	192*	
Canada.....	136*	126*	106*	Italy.....	1,173*	1,587*	1,976*	Turkey.....	47*	77*	101*	
Denmark.....	499*	822*	1,040*	Netherlands.....	802*	1,348*	1,549*	UK.....	4,998*	6,869*	7,593*	
France.....	1,176*	1,837*	2,507*	Norway.....	4,141*	6,215*	8,711*	West Germany...	244*	564*	919*	
Greece.....	159*	798*	1,862*									

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Tankers and whaling ships of 1,000 gross register tons (GRT) or more. Unless otherwise indicated, data are as of the end of the year.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data are as of midyear.<sup>c</sup> Excluding ships operating only on the Great Lakes.<sup>d</sup> Excluding the Caspian Sea fleet.<sup>e</sup> Data are as of midyear.

Table 195

Telephones in Use <sup>a</sup>  
1955 and 1960-66

Thousand Telephones

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES.....	81,000*	108,000*	113,000*	119,000*	125,000*	132,000*	140,000*	N.A.*
US.....	56,436*	74,342*	77,422*	80,969*	84,452*	88,793*	93,656*	98,800*
COMMUNIST COUNTRIES <sup>b</sup>								
USSR and Eastern Europe...	4,550*	6,680*	7,220*	7,800*	8,360*	9,120*	N.A.	N.A.
USSR.....	1,932*	2,697*	2,932*	3,215*	3,479*	3,900*	N.A.	N.A.
Eastern Europe.....	2,620*	3,980*	4,280*	4,590*	4,880*	5,220*	5,530*	N.A.
Bulgaria.....	112*	172*	190*	206*	225*	249*	260*	N.A.
Czechoslovakia.....	662*	1,016*	1,114*	1,206*	1,300*	1,399*	1,481*	1,583*
East Germany.....	1,042*	1,292*	1,366*	1,436*	1,513*	1,587*	1,662*	N.A.
Hungary.....	183*	418*	439*	460*	485*	504*	525*	N.A.
Poland.....	475*	881*	957*	1,045*	1,100*	1,200*	1,300*	N.A.
Rumania <sup>c</sup> .....	145*	201*	217*	237*	260*	281*	306*	331*
Far East								
North Korea <sup>c</sup> .....	17*	51*	53*	59*	64*	91*	N.A.	N.A.
North Vietnam.....	2	N.A.	N.A.	N.A.	N.A.	N.A.	12	N.A.
Other								
Albania.....	4*	7*	8*	9*	10*	10*	11*	N.A.
Cuba.....	142*	200*	208*	217*	224*	229*	231*	N.A.
Yugoslavia.....	161*	260*	276*	303*	322*	370*	415*	460*

## Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium.....	878*	1,143*	1,565*	Iceland.....	27*	40*	56*	Portugal.....	256*	395*	550*
Canada.....	4,149*	5,728*	7,456*	Italy.....	2,329*	3,861*	5,981*	Turkey.....	139*	304*	351*
Denmark.....	897*	1,072*	1,364*	Luxembourg...	32*	51*	80*	UK <sup>c</sup> .....	6,880*	8,270*	10,704*
France.....	3,117*	4,358*	6,117*	Netherlands...	1,117*	1,613*	2,382*	West Germany.	3,985*	5,994*	8,802*
Greece.....	122*	222*	508*	Norway.....	588* <sup>d</sup>	740*	908*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are as of the end of the year and are for both private and public telephones in use that can be connected to a central exchange.<sup>b</sup> Telephones operated by the various civil departments of post and telecommunications, excluding telephones serviced by other functional ministries and the military.<sup>c</sup> Telephone subscribers.<sup>d</sup> Data are as of midyear.<sup>e</sup> Data are as of 31 March of the following year.

Table 196

Long-Distance Telephone Calls  
1955 and 1960-66

Million Telephone Calls

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES *	4,920*	7,320*	7,840*	8,420*	9,160*	9,890*	10,800*	N.A.*
US.....	2,475.0*	3,427.0*	3,555.0*	3,771.0*	3,984.0*	4,334.0*	4,734.0*	5,200.0*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	521*	672*	701*	737*	783*	827*	900*	N.A.
USSR.....	135.0*	185.0*	197.0*	210.0*	218.0*	227.0*	257.0*	285.0*
Eastern Europe.....	386*	487*	504*	527*	565*	600*	643*	N.A.
Bulgaria.....	29.9*	31.7*	32.6*	34.0*	35.7*	36.5*	37.8*	N.A.
Czechoslovakia.....	71.6*	100.6*	103.7*	107.3*	109.0*	114.1*	117.5*	N.A.
East Germany.....	127.5*	167.4*	170.2*	178.2*	202.1*	225.8*	249.6*	N.A.
Hungary.....	25.2*	30.5*	31.5*	32.2*	34.7*	35.2*	36.7*	N.A.
Poland.....	97.0*	108.8*	114.6*	118.7*	122.5*	124.4*	131.8*	137.1*
Rumania.....	34.9*	47.8*	51.7*	56.4*	60.9*	63.9*	70.0*	74.8*
Far East								
North Korea.....	7.7*	5.1*	6.0*	7.4*	8.7*	9.4*	N.A.	N.A.
North Vietnam.....	1.0	3.9*	4.4	5.0	5.7	N.A.	N.A.	N.A.
Other								
Albania.....	1.1*	1.8*	2.0*	2.1*	2.3*	2.5*	2.6*	N.A.
Cuba.....	6.0*	8.6*	10.3*	11.7*	13.0*	14.0*	14.5*	N.A.

Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium...	83.7*	123.7*	197.2*	Iceland.....	1.7*	2.0* <sup>b</sup>	4.8*	Portugal.....	43.3*	62.8*	72.2*
Canada....	153.1*	227.3*	301.6*	Italy.....	233.0*	451.8*	802.8*	Turkey.....	7.5*	12.8*	18.8*
Denmark...	171.8*	249.2*	363.0*	Netherlands..	264.6*	456.0*	725.3*	UK <sup>d</sup> .....	335.1*	425.0*	849.0*
France....	531.8*	741.0*	850.0*	Norway.....	57.7* <sup>c</sup>	52.6* <sup>c</sup>	74.2*	West Germany.	558.3*	1,075.2*	1,833.4*
Greece....	6.2*	11.8*	31.9*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Data are for 1959 and are included in the NATO total for 1960.

<sup>c</sup> Data are for the year beginning 1 July of the previous year.

<sup>d</sup> Data are for the year beginning 1 April of the stated year.

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Table 197

Telegrams Sent over the Domestic System <sup>a</sup>  
1955 and 1960-66

	Million Telegrams Sent							
	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES.....	293*	248*	242*	238*	229*	222*	214*	N.A.*
US <sup>b</sup> .....	153.2*	124.3*	117.3*	112.5*	104.2*	97.4*	94.3*	91.5*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	247*	292*	298*	307*	312*	316*	332*	N.A.
USSR.....	203.0*	241.0*	245.0*	252.0*	254.0*	257.0*	273.0*	300.0*
Eastern Europe.....	43.9*	50.5*	53.3*	54.8*	58.2*	58.5*	59.5*	N.A.
Bulgaria.....	6.1*	6.6*	7.0*	7.1*	7.4*	7.6*	7.7*	N.A.
Czechoslovakia.....	9.7*	11.6*	12.7*	13.0*	13.8*	12.9*	12.8*	N.A.
East Germany.....	7.6*	10.3*	10.7*	10.7*	11.2*	11.2*	11.4*	N.A.
Hungary.....	5.7*	7.4*	7.6*	8.0*	8.6*	8.9*	8.9*	N.A.
Poland <sup>c</sup> .....	10.3*	10.0*	10.3*	10.7*	11.5*	12.0*	12.5*	13.3*
Rumania.....	4.5*	4.6*	5.0*	5.3*	5.7*	5.9*	6.2*	6.7*
Far East								
North Korea.....	0.8* <sup>d</sup>	1.4*	1.9*	2.2*	2.5*	2.5*	N.A.	N.A.
North Vietnam.....	1.2	2.1	2.1	2.1	2.4	N.A.	2.5	N.A.
Other								
Albania.....	0.9*	1.0*	0.9*	1.0*	1.0*	1.0*	1.0*	N.A.
Cuba.....	N.A.	N.A.	N.A.	8.6	N.A.	10.8	11.5	N.A.
Yugoslavia.....	3.9*	7.3*	8.1*	8.7*	10.5*	11.9*	9.1*	8.0*

## Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium.....	4.2*	3.3*	3.4*	Iceland.....	0.3*	0.3*	0.3*	Portugal.....	2.2*	2.3*	2.6*
Canada <sup>e</sup> .....	17.4*	13.2*	12.4*	Italy <sup>h</sup> .....	34.4*	35.2*	38.3*	Turkey.....	10.0*	9.9*	8.6*
Denmark <sup>f</sup> .....	1.5*	1.6*	1.7*	Luxembourg...	0.2*	0.2*	0.2*	UK <sup>i</sup> .....	20.5*	13.6*	9.8*
France.....	16.3* <sup>g</sup>	14.5*	14.1*	Netherlands...	2.6*	2.3*	2.0*	West Germany.	20.5* <sup>j</sup>	19.5*	17.7*
Greece.....	5.1*	4.6*	5.9*	Norway.....	4.7* <sup>h</sup>	3.4*	2.6*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for domestic telegrams.<sup>b</sup> Including domestic transmission of transoceanic and marine messages, which amounted to 11.3 million in 1965.<sup>c</sup> Including international telegrams.<sup>d</sup> Data are for 1956.<sup>e</sup> All telegrams sent by land are counted as domestic.<sup>f</sup> Including data for the Faeroe Islands and Greenland.<sup>g</sup> Including data for Algeria.<sup>h</sup> Data are for the year beginning 1 July of the previous year.<sup>i</sup> Data are for the year beginning 1 April of the stated year.<sup>j</sup> Including telegrams sent to or received from East Germany and East Berlin.

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Table 198

Production of Electron Tubes in the US and the Communist Countries  
1955 and 1960-66

	Million Units							
	1955	1960	1961	1962	1963	1964	1965	1966
US *	490.7*	402.1*	384.3*	370.3*	404.5*	377.6*	405.7*	453.8*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	100	174	200	222	236	254	274	298
USSR.....	76.6*	125.0*	147.0*	160.0*	170.0	180.0	190.0	205.2*
Eastern Europe.....	23.4	49.2	52.5	61.8	65.5	73.5	84.5	93.3
Czechoslovakia.....	4.3*	10.4*	11.3*	14.8*	15.5*	17.0*	19.6*	22.2*
East Germany.....	9.5	20.0	19.0	21.0	23.0	25.7	30.4 <sup>b</sup>	35.0
Hungary.....	7.0*	11.4*	12.8*	13.2*	12.0*	12.2*	13.5*	14.0*
Poland.....	2.6*	7.4*	9.4*	12.8*	15.0*	18.6*	21.0*	22.1*
Other								
Yugoslavia.....	0.2*	0.7*	0.8*	1.2*	2.7*	5.1*	6.9*	8.6*

\* An asterisk indicates that the data are unclassified.

\* Producer sales. Data include monochrome picture tubes.

<sup>b</sup> Plan data.

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Table 199

Production of Radio Receivers <sup>a</sup>  
1955 and 1960-66

Thousand Units

	1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES <sup>b</sup> .....	22,500*	30,100*	31,800*	33,700*	32,900*	32,900*	37,700*	N.A.*			
US <sup>c</sup> .....	14,526*	17,969*	18,383*	20,456*	19,732*	20,701*	25,731*	25,329*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	5,370*	6,370*	6,430*	6,950*	6,940*	6,650*	7,570*	8,450*			
USSR.....	3,549*	4,165*	4,228*	4,251*	4,796*	4,766*	5,160*	5,841*			
Eastern Europe.....	1,820*	2,200*	2,200*	2,700*	2,150*	1,890*	2,410*	2,610*			
Bulgaria.....	66*	157*	146*	175*	204*	142*	130*	199*			
Czechoslovakia.....	102*	230*	217*	289*	273*	174*	297*	344*			
East Germany.....	725*	810*	796*	1,075*	773*	627*	808*	850*			
Hungary.....	377*	212*	245*	258*	170*	155*	230*	250*			
Poland.....	461*	627*	589*	654*	487*	518*	624*	625*			
Rumania.....	89*	167*	211*	251*	240*	271*	323*	340*			
Far East											
Communist China.....	100*	1,500*	1,500	1,500	1,500	1,500	1,500	N.A.			
Other											
Yugoslavia.....	82*	244*	275*	289*	377*	527*	504*	525*			
Other NATO Countries											
	1955	1960	1965	1955	1960	1965	1955	1960	1965		
Belgium.....	N.A.*	1,103*	1,240*	France.....	1,228*	2,214*	2,298*	UK.....	2,142*	2,504*	1,910*
Canada <sup>d</sup> .....	610*	696*	931*	Italy.....	708*	935*	1,195*	West Germany..	3,124*	4,313*	4,071*
Denmark.....	95*	199*	173* <sup>e</sup>	Norway <sup>f</sup> .....	109*	129*	136*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Civilian radio receivers and radio-phonograph combinations.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Data for radio-phonograph combinations are factory sales.<sup>d</sup> Producer sales.<sup>e</sup> Data are for 1964 and are included in the NATO total for 1965.<sup>f</sup> Receiving sets for home use only.

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Table 200

Production of Television Receivers  
1955 and 1960-66

Thousand Units

	1955	1960	1961	1962	1963	1964	1965	1966			
NATO COUNTRIES <sup>a</sup> .....	10,900*	12,400*	11,900*	12,800*	14,600*	17,400*	18,900*	N.A.*			
US <sup>b</sup> .....	7,776*	5,828*	6,325*	6,909*	7,877*	9,570*	11,028*	12,402*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	551*	2,720*	3,090*	3,500*	4,000*	4,550*	5,340*	6,180*			
USSR.....	495*	1,726*	1,949*	2,168*	2,473*	2,927*	3,655*	4,415*			
Eastern Europe.....	56*	989*	1,140*	1,330*	1,530*	1,620*	1,690*	1,770*			
Bulgaria.....	0*	Negl.*	5*	15*	29*	54*	74*	100*			
Czechoslovakia.....	17*	263*	334*	307*	235*	240*	257*	288*			
East Germany.....	39*	416*	374*	461*	580*	591*	537*	550*			
Hungary.....	Negl.*	139*	178*	210*	251*	270*	267*	298*			
Poland.....	Negl.*	171*	231*	299*	365*	414*	452*	413*			
Rumania.....	Negl.*	Negl.*	15*	41*	67*	55*	101*	120*			
Other											
Yugoslavia.....	0*	14*	38*	69*	117*	263*	254*	260*			
Other NATO Countries											
	1955	1960	1965	1955	1960	1965	1955	1960	1965		
Belgium.....	N.A.*	216*	408*	France.....	186*	655*	1,250*	UK.....	1,771*	2,141*	1,591*
Canada <sup>c</sup> .....	764*	338*	550*	Italy.....	90*	728*	1,042*	West Germany.	316*	2,164*	2,776*
Denmark.....	12*	233*	131* <sup>d</sup>	Norway <sup>e</sup> .....	Negl.*	64*	117*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Pre-1964 data for color receivers are factory sales.

<sup>c</sup> Producer sales.

<sup>d</sup> Data are for 1964 and are included in the NATO total for 1965.

<sup>e</sup> Receiving sets for home use only.

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Table 201

Radio Receivers in Public Use <sup>a</sup>  
1955 and 1960-66

Thousand Units

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES.....	181,000*	241,000*	259,000*	276,000*	307,000*	328,000*	346,000*	N.A.*
US.....	124,000*	168,314*	183,800*	200,258*	214,353*	228,000*	242,000*	256,000*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	24,700*	44,400*	47,800*	50,700*	53,600*	55,500*	57,300*	N.A.
USSR.....	13,000*	27,800*	30,500*	32,800*	35,200*	36,700*	38,100*	39,800*
Eastern Europe.....	11,700*	16,600*	17,300*	17,900*	18,400*	18,800*	19,200*	N.A.
Bulgaria.....	327*	868*	1,013*	1,127*	1,226*	1,323*	1,405*	1,475*
Czechoslovakia.....	2,839*	3,103*	3,140*	3,132*	3,126*	3,094*	3,075*	3,187*
East Germany.....	5,009*	5,574*	5,602*	5,670*	5,739*	5,759*	5,804*	5,820*
Hungary.....	1,173*	1,969*	2,065*	2,141*	2,209*	2,268*	2,320*	N.A.
Poland.....	1,649*	3,796*	4,064*	4,243*	4,372*	4,499*	4,627*	6,000*
Rumania.....	654*	1,283*	1,403*	1,568*	1,711*	1,827*	1,956*	N.A.
Far East								
North Korea.....	81*	149*	186*	N.A.	N.A.	N.A.	N.A.	N.A.
North Vietnam.....	N.A.	N.A.	405*	22*	49*	N.A.	75	N.A.
Other								
Albania.....	20*	54*	44*	66*	68*	70*	72*	72*
Cuba.....	1,250* <sup>b</sup>	1,100*	1,300*	1,300*	1,300*	1,300*	N.A.	N.A.
Yugoslavia.....	592*	1,562*	1,826*	2,078*	2,278*	2,520*	2,700*	3,000*

Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium...	1,995*	2,477*	4,000*	Iceland.....	41*	54*	100*	Portugal.....	479*	1,060*	1,500*
Canada....	5,900*	8,050*	12,000*	Italy.....	5,848*	8,596*	11,000*	Turkey.....	999*	1,308*	2,600*
Denmark..	1,348*	1,747*	1,700*	Luxembourg.	81*	97*	150*	UK.....	13,170*	15,726*	25,000*
France....	9,527*	11,640*	19,000*	Netherlands.	2,163*	3,145*	3,600*	West Germany <sup>c</sup> .	13,559*	16,311*	20,000*
Greece....	490*	884*	1,400*	Norway.....	948*	1,300*	1,800*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are as of the end of the year and exclude wired loudspeakers.

<sup>b</sup> Data are for 1956.

<sup>c</sup> Including data for West Berlin, for which separate data are not available.

Table 202

Television Receivers in Public Use •  
1955 and 1960-66

Thousand Units

	1955	1960	1961	1962	1963	1964	1965	1966
NATO COUNTRIES.....	45,600*	81,300*	88,600*	95,600*	104,000*	112,000*	120,000*	N.A.*
US.....	37,600*	55,600*	58,175*	61,200*	64,175*	66,850*	70,350*	74,000*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	869*	7,220*	10,000*	13,000*	16,600*	20,400*	24,600*	N.A.*
USSR.....	823*	4,800*	6,500*	8,300*	10,500*	12,800*	15,700*	19,000*
Eastern Europe.....	46*	2,420*	3,500*	4,710*	6,080*	7,550*	8,910*	N.A.*
Bulgaria.....	0*	3*	11*	31*	66*	122*	180*	288*
Czechoslovakia.....	32*	795*	1,089*	1,356*	1,630*	1,899*	2,171*	2,339*
East Germany.....	14*	1,035*	1,459*	1,892*	2,379*	2,801*	3,216*	3,600*
Hungary.....	Negl.*	104*	206*	325*	471*	675*	830*	1,000*
Poland.....	Negl.*	426*	648*	959*	1,294*	1,698*	2,060*	2,500*
Rumania.....	Negl.*	55*	88*	149*	245*	357*	450*	N.A.
Far East								
Communist China.....	N.A.*	20*	N.A.*	20*	N.A.*	N.A.*	N.A.*	N.A.*
Other								
Cuba.....	160*	500*	400*	520*	550*	N.A.*	N.A.*	N.A.*
Yugoslavia.....	N.A.*	30*	62*	120*	212*	393*	500*	800*

Other NATO Countries

	1955	1960	1965		1955	1960	1965		1955	1960	1965
Belgium...	70*	520*	1,461*	Iceland.....	N.A.*	1*	10*	Portugal.....	N.A.*	58*	182*
Canada....	2,000*	3,840*	5,310*	Italy.....	250*	2,361*	6,216*	Turkey.....	Negl.*	1*	1*
Denmark...	7*	545*	1,076*	Luxembourg...	1*	7*	31*	UK.....	5,100*	11,028*	15,000*
France....	250*	2,000*	6,518*	Netherlands...	60*	812*	2,239*	West Germany..	260* <sup>b</sup>	4,465*	11,379*
Greece....	N.A.*	N.A.*	4*	Norway.....	Negl.*	49*	490*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are as of the end of the year and include monochrome and color television receivers.

<sup>b</sup> Excluding data for the Saar.

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Table 203

SELECTED CONVERSION FACTORS

To Convert From	To	Multiply By
Acres.....	Hectares.....	0.40468564
Acres.....	Kilometers, square.....	0.004046856
Acres.....	Meters, square.....	4,046.856
Acres.....	Miles, square.....	0.0015625
Feet.....	Meters.....	0.30480061
Feet, cubic.....	Meters, cubic.....	0.028317
Feet, cubic.....	Tons, register.....	0.01
Feet, square.....	Meters, square.....	0.09290341
Gallons, US liquid.....	Meters, cubic.....	0.0037854
Gallons, US liquid.....	Inches, cubic.....	231
Gallons, US liquid.....	Feet, cubic.....	0.1336816
Gallons, US liquid.....	Liters.....	3.785306
Hectares.....	Acres.....	2.471054
Hectares.....	Kilometers, square.....	0.01
Hectares.....	Miles, square.....	0.00386101
Kilometers.....	Miles, US nautical.....	0.539957
Kilometers.....	Miles, US statute.....	0.621371
Kilometers, square.....	Acres.....	247.1054
Kilometers, square.....	Hectares.....	100
Kilometers, square.....	Miles, square.....	0.386101
Meters.....	Feet.....	3.280840
Meters.....	Yards.....	1.093613
Meters, cubic.....	Tons, register.....	0.353147
Meters, cubic.....	Feet, cubic.....	35.314667
Meters, cubic.....	Gallons, US liquid.....	264.17205
Meters, square.....	Feet, square.....	10.763910
Meters, square.....	Yards, square.....	1.195991
Miles, US nautical.....	Kilometers.....	1.852
Miles, square.....	Acres.....	640
Miles, square.....	Hectares.....	259
Miles, square.....	Kilometers, square.....	2.59
Miles, statute.....	Kilometers.....	1.609344
Ounces, troy.....	Grams.....	31.103486
Pounds, avoirdupois.....	Quintals.....	0.00453592
Pounds, avoirdupois.....	Tons, metric.....	0.000453592
Quarts, US dry.....	Liters.....	1.10119
Quarts, US liquid.....	Liters.....	0.946326
Quintals.....	Pounds.....	220.4622
Quintals.....	Tons, metric.....	0.1
Tons, long.....	Tons, metric.....	1.016047
Ton-kilometers, metric.....	Ton-miles, short.....	0.684943
Tons, metric.....	Pounds.....	2,204.622
Tons, metric.....	Quintals.....	10
Tons, metric.....	Tons, long.....	0.984206
Tons, metric.....	Tons, short.....	1.10231
Ton-miles, short.....	Ton-kilometers, metric.....	1.459975
Tons, register.....	Feet, cubic.....	100
Tons, register.....	Meters, cubic.....	2.831685
Tons, short.....	Tons, metric.....	0.907185
Yards.....	Meters.....	0.9144018
Yards, square.....	Meters, square.....	0.836127

Table 204

Rates of Exchange for Currencies of Selected Communist Countries  
as of 1 April 1967

		Rate of Exchange			
		In Terms of US \$1		In Terms of 1 Ruble	
		Commercial Rate <sup>a</sup>	Noncom- mercial Rate <sup>b</sup>	Commercial Rate <sup>a</sup>	Noncom- mercial Rate <sup>b</sup>
	Unit of Currency				
USSR.....	Ruble.....	0.90*	0.90*		
Bulgaria.....	Lev.....	1.17*	1.99*	1.3*	0.78*
Czechoslovakia.....	Koruna.....	7.2*	14.36*	8.0*	9.66*
East Germany.....	Deutsche Mark East.....	4.2* <sup>c</sup>	4.2*	4.67* <sup>c</sup>	3.20*
Hungary.....	Forint.....	11.74*	23.48*	13.04*	13.12*
Poland.....	Zloty.....	4*	24*	4.44*	15.32*
Rumania.....	Leu.....	6*	12*	6.67*	8.31*
Communist China.....	Yuan.....	2.00*	2.46* <sup>d</sup>	2.22*	1.29*
North Korea.....	Won.....	1.20*	2.57*	1.35*	1.44*
North Vietnam.....	Dong.....	2.94*	3.7*	3.27*	1.92*
Albania.....	Lek.....	5*	15*	5.56*	8.4*
Mongolia.....	Tugrik.....	4.0*	4.5*	4.44*	4.18*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Official rates unless otherwise indicated. These rates are used for converting trade statistics.

<sup>b</sup> Rates used for noncommercial transactions such as diplomatic, tourist and student expenditures, personal remittances, and the like. Some countries have special rates for tourists and personal remittances in addition to the noncommercial rate.

<sup>c</sup> The unofficial rates actually used in East German accounting of foreign trade transactions. Official rates still listed, but not used, are 2.22 DME to US \$1 and 2.47 DME to 1 ruble.

<sup>d</sup> Based on the cross rate of exchange between the yuan and UK pound sterling.

Table 205  
Cross Rates of Exchange for Currencies of the NATO Countries <sup>a</sup>  
1966

Country: (Monetary unit):	US (Dollar)	Bel- gium <sup>b</sup> (Franc)	Canada (Dollar)	Den- mark (Krone)	France (New Franc)	Greece (Drach- ma)	Iceland (Krona)	Italy (Lira)	Nether- lands (Guilder)	Norway (Krone)	Portu- gal (Es- cudo)	Turkey (Lira)	UK (Pound)	West Germany (Deutsche Mark)
US..... Dollar.....	1.000*	0.020*	0.925*	0.145*	0.203*	0.033*	0.023*	0.0016*	0.276*	0.140*	0.035*	0.111*	2.800*	0.250*
Belgium <sup>b</sup> ..... Franc.....	50.00*	1.000*	46.24*	7.239*	10.13*	1.667*	1.16*	0.080*	13.81*	7.00*	1.734*	5.556*	140.0*	12.50*
Canada..... Dollar.....	1.081*	0.022*	1.000*	0.157*	0.218*	0.036*	0.025*	0.0018*	0.298*	0.152*	0.038*	0.120*	3.026*	0.270*
Denmark..... Krone.....	6.907*	0.138*	6.385*	1.000*	1.399*	0.230*	0.161*	0.0111*	1.908*	0.967*	0.240*	0.767*	19.34*	1.727*
France..... New franc.....	4.937*	0.099*	4.564*	0.715*	1.000*	0.165*	0.115*	0.0079*	1.364*	0.691*	0.172*	0.549*	13.82*	1.234*
Greece..... Drachma.....	30.00*	0.600*	27.74*	4.343*	6.077*	1.000*	0.698*	0.0480*	8.287*	4.200*	1.040*	3.333*	84.00*	7.500*
Iceland..... Krona.....	43.00*	0.860*	39.75*	6.226*	8.71*	1.433*	1.000*	0.069*	11.88*	6.020*	1.492*	4.778*	120.40*	10.75*
Italy..... Lira.....	625.0*	12.50*	577.9*	90.49*	126.6*	20.83*	14.54*	1.000*	172.7*	87.50*	21.67*	69.44*	1,750.0*	156.3*
Netherlands... Guilder.....	3.620*	0.072*	3.347*	0.524*	0.733*	0.121*	0.084*	0.006*	1.000*	0.507*	0.126*	0.402*	10.14*	0.905*
Norway..... Krone.....	7.143*	0.143*	6.603*	1.034*	1.447*	0.238*	0.166*	0.0114*	1.973*	1.000*	0.248*	0.794*	20.00*	1.786*
Portugal..... Escudo.....	28.75*	0.5750*	26.57*	4.163*	5.823*	0.958*	0.669*	0.0460*	7.942*	4.026*	1.000*	3.194*	80.50*	7.186*
Turkey..... Lira.....	9.000*	0.180*	8.321*	1.303*	1.823*	0.300*	0.209*	0.0144*	2.486*	1.260*	0.313*	1.000*	25.20*	2.250*
UK..... Pound.....	0.357*	0.0071*	0.329*	0.052*	0.072*	0.012*	0.008*	0.0006*	0.099*	0.050*	0.012*	0.0397*	1.000*	0.089*
West Germany. Mark.....	4.000*	0.080*	3.698*	0.579*	0.810*	0.133*	0.093*	0.0064*	1.105*	0.560*	0.139*	0.444*	11.20*	1.000*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Par values as declared to the International Monetary Fund. Data are as of 15 April 1967.

<sup>b</sup> The rates of exchange for Luxembourg are the same as those for Belgium.

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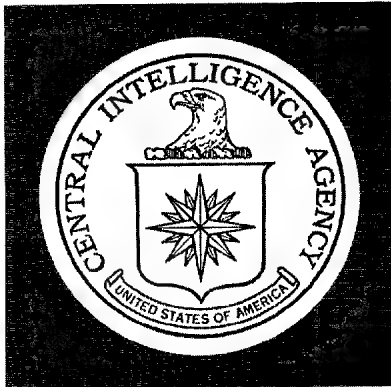
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41, 48	[redacted] OSD; for Col. Pursley	21 Jul 67		
	& Henry Glass (military advisers to Mr. McNamara) via DCI/Registry			
	25X1A9a			
197	OCR, [redacted] 14381	24 Jul 67		
248-251	SDS/OCR for OCR	24 Jul 67		

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118-122			25 Jul 67
123-125		via SA/ER	"
126-128		SA/ER	"
25X1X7	NORAD (via AFNIN)		"
130, 131	25X1A6a	via SA/ER	"
132		via RI/DS	"
133-135			"
136			"
246-248, 249	Genl. Dickson by State INR via JCE		25 Jul 67
247		OSR/T/F	"
25X1A9a		ITR	25 July 67
238-241	T/IR For Branch use		25 Jul 67
242-243	PSD/OL	for Branch use	25 Jul 67
244-245	Shannon J. MAISEL, Fnd. Bureau Rel via ADD/ER		26 July 67
246	25X1A9a	Ruth Radier via LY/CR	26 Jul 67
247			28 Jul 67
248		SA/ER for review for	2 Aug 67
249		RI for Branch use	2 Aug 67
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187		OSR/T/F	"
191			22 Aug 67
405-364	Ret'd from	NSA	29 Aug 67
343-343	OBE/B		19 Sep 67
25X1A			11 Oct 67
231	OTR	25X1A6a	12 Oct 67
261	D/C		12 Oct 67
222	CLASSIC		17 Oct 67
25X1A193	C/E		27 Oct 67
185	25X1A6a	CH/IRA	31 Oct 67
192		OSI/PSID	1 Nov 67
190			2 Nov 67
188	C/F		2 Nov 67
140	ACST/ARMY via LY/ERS		7 Nov 67
184	ARMY/G2 via LY/ERS		8 Nov 67
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257			

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274	25X1A9a [redacted] OBGI via [redacted]	16 Apr 68		
276	[redacted] ST/P/A			
275	UN Force via CIA Ly	19 Apr 68		
278-283	25X1A9a [redacted] to	9 Apr 68		
278	25X1A9a Rec'd from R.C.	24 Apr 68		
278	[redacted] DDP/NA X 6322	30 Apr 68		
281	25X1A9a [redacted] F/L	29 Apr 68		
282	[redacted] via DIA	20 May 68		
10, 241, 269, 275, 278-280, 283, 364	destroyed	6 Jan 69		

[illegible]